AUDIO & VIDEO DOOR ENTRY SYSTEMS

CATALOGUE

KITS AND SYSTEM SOLUTIONS FOR SINGLE
HOUSES, BUILDINGS AND COMPOUNDS

THE GLOBAL SPECIALIST IN DOOR ENTRY SYSTEMS

bticino

BTICINO

Specialists in Video Door Entry Systems

BTicino, introduces a complete range of products and systems capable of meeting all application and building requirements. From single homes to larger buildings and apartment complexes, BTicino can offer the right solution to satisfy both the private user and the professional.

![BTICINO]

Index

WWW.BTICINO.COM

DIFFERENT SOLUTIONS FOR DIFFERENT APPLICATIONS

EASYKIT - BASIC KITS

for standard level villas

2 WIRES 4 WIRES SOLUTIONS

Closed solution that provides **BASIC FUNCTIONS**, normally for simple systems:

- ONE OR TWO FAMILY HOMES
- READY MADE SOLUTIONS
- EXPANDABLE SOLUTIONS
- PLUG-IN OR DIN POWER SUPPLY

PROFESSIONAL KITS

for high level villas

2 WIRES SOLUTIONS

Initial basic solution that **CAN DEVELOP** into a **MORE COMPLEX** and **CUSTOMISED** systems:
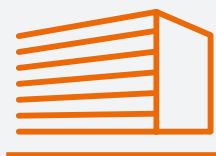
- ONE OR TWO-FAMILY HOMES
- READY MADE SOLUTIONS
- FULLY EXPANDABLES
- ENHANCED FUNCTIONS

From villas to multi-family units

Villas

Small building

Building complex

Different types of constructions mean different types of offer

2 WIRES SYSTEM

for small buildings

2 WIRES SYSTEM

The best technology when **TIME SAVING** and **EASE** of **INSTALLATION** are required:

- SMALL BUILDINGS/HOMES
- EASY AND QUICK TO INSTALL
- MAXIMUM VERSATILITY
- PERFECT FOR REFURBISHMENTS

IP SYSTEM

for building complex

IP SYSTEM

The system conceived for **BIG RESIDENTIAL BUILDINGS** where IP cabling is required.

- LARGER BUILDINGS AND COMPLEXES
- HIGH PERFORMANCES
- LONG DISTANCES AND HIGH NUMBER OF APARTMENTS
- INTEGRATED SECURITY FUNCTIONS

EASYKIT
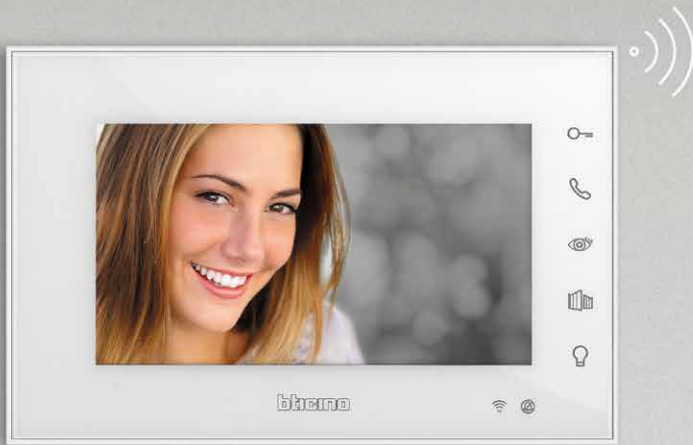
- **Easy** installation

- **Expandability** with additional internal units, entrance panel and CCTV camera

- **Connected Wifi** solution available

- **Door lock** release key and **intercom functions**

- **Plug-in** and **DIN** power supply

2 WIRES SOLUTIONS

EASYKIT

"very simple" solutions
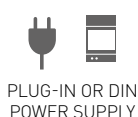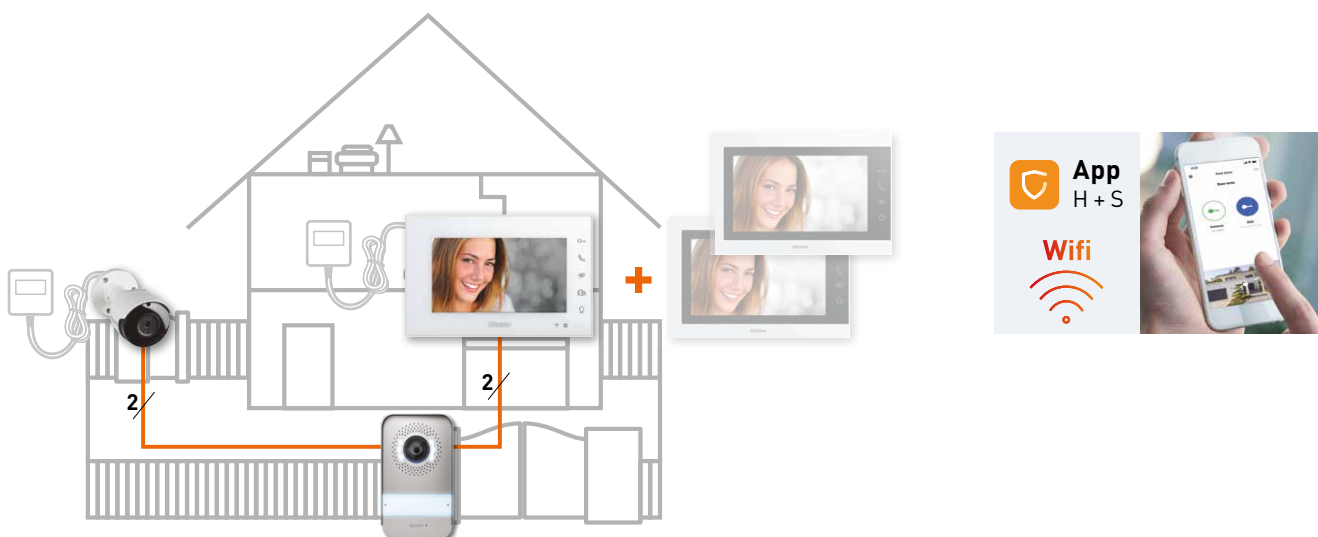
2 WIRES SOLUTIONS

Hands-free video kits comprising:

- a wall-mounting metal entrance panel (rainshield included) equipped with a colour camera and a LED lamp for the illumination of the field of view.

- a video colour display internal unit (plug-in power supply included).

Main features:

- Easy, simple and quick installation

- SMART Wifi connected solution for your security

- 2 non-polarized wires for an error-proof connection

- Practical and functional: hands-free solutions enabling dialogue while moving freely

- High-resistant, waterproof metal entrance panels

- One family installation. Easy switch to two families by adding the additional internal unit

- Expandability with additional internal units, entrance panel and CCTV camera.

App H + S

Wifi

| CONNECTED VERSION | CAMERA INTEGRATION | PLUG-IN OR DIN POWER SUPPLY | EXPANDABLE | IDEAL FOR REFURBISHMENTS |

EASYKIT
2 WIRES

Easykit Wifi

SMART SOLUTION
FOR YOUR SECURITY

Wifi

Home + Security

2 WIRES SOLUTIONS

Answer the calls,
activate the electrical door locks,
activate the cameras and display
the timeline of the events
-
Manage up to 20 homes
with your single account

Home + Security

Incoming call
Receive notification
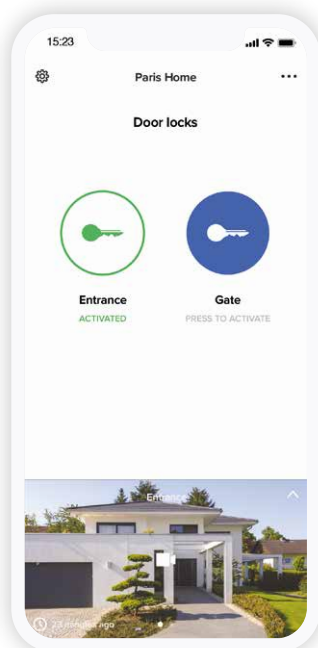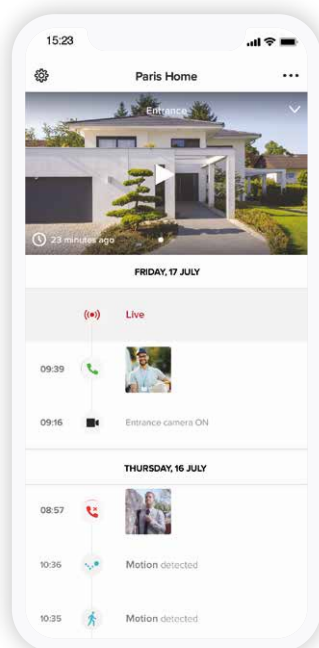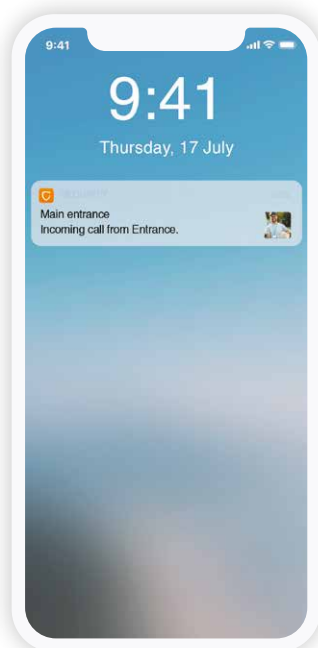when someone
is calling

See who's calling
Answer the call and
open the gate for
the courier

Check the events
Check who called you
and if they left you
a message

Quick actions
- Activate the electrical door locks
- Activate the timed staircase lights
- Call home / Intercom
- Activate the cameras

Security enhancement with integration of Netatmo devices

Video door entry system and security. Together.

Video door entry system · · ·

Main entrance
Incoming entrance call.

Security · · ·

Secondary entrance and interiors
Smart Outdoor Camera with Siren and movement detection. Smart Indoor Camera with face recognition.

A single App with an intuitive home page. It allows you to answer video door entry calls, activate the door lock and view images from Netatmo smart outdoor and indoor cameras.

Professional opportunity: offer your services as an installer of simple smart security systems.
Business opportunities: access to a catalogue of smart and easy-to-install security devices.

Home + Security
The best App for a safe home.

Solutions for a smart and complete protection of your home: security cameras, alarms, opening sensors, smoke detector...
Leave your home without worries.

WITH
Netatmo

Examples of Netatmo solutions natively integrated in the Home + Security App

Smart Outdoor Camera

Smart Outdoor Camera with Siren

Smart Indoor Camera

Smart Door and Window Sensors

Smart Video Doorbell

Smart Indoor Siren

Smart Smoke Alarm

Smart Carbon Monoxide Alarm

EASYKIT
2 WIRES

ONE FAMILY HOUSE

EXISTING INTERNAL UNIT

TWO FAMILY HOUSE

EXISTING INTERNAL UNIT

2 WIRES
SOLUTIONS
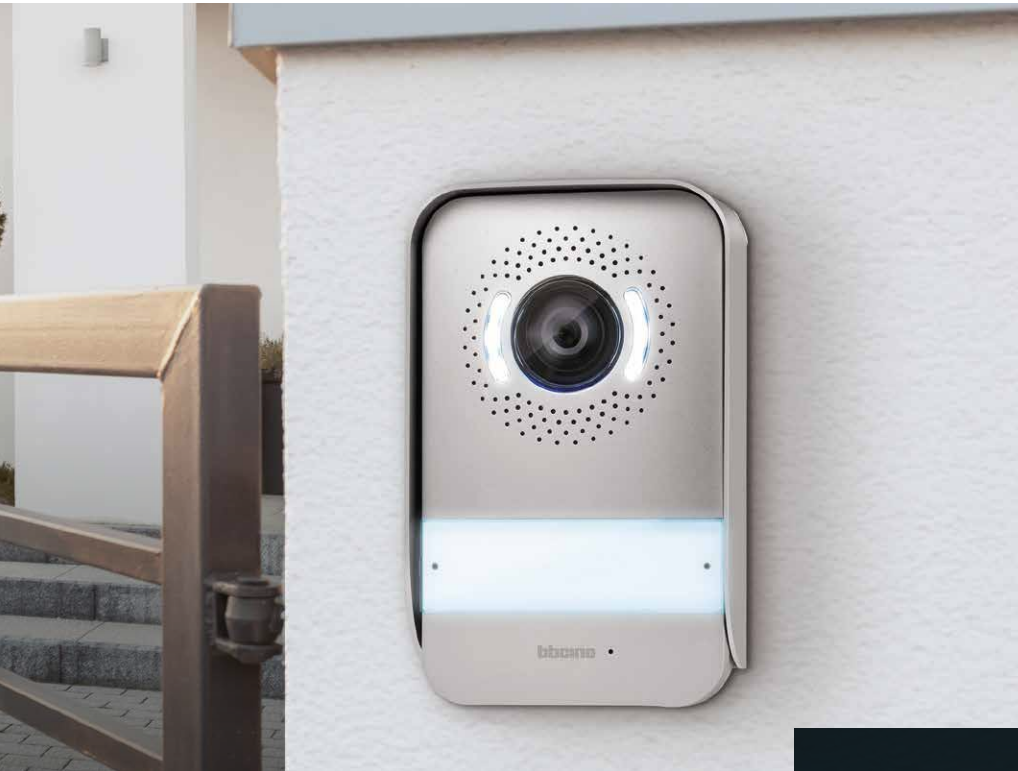
You can turn your existing system into a connected one by simply replacing the video internal unit **without structural changes.**
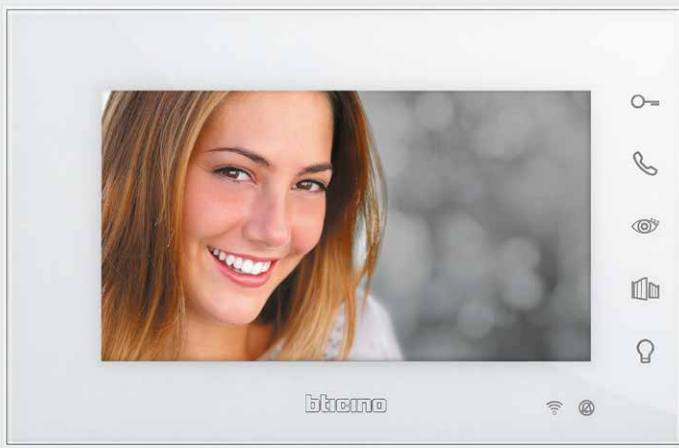
Wifi

CONNECTED INTERNAL UNIT
BT-335253
BT-335254

EASYKIT SOLUTIONS

CHOOSE YOUR KIT...

7" inch easykit Wifi video kits
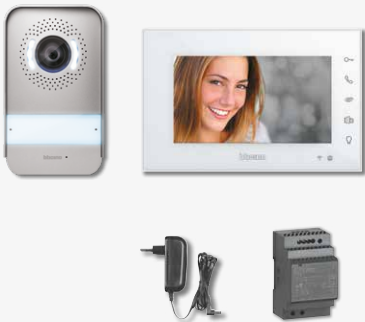
- Wifi connectivity
- Management from smartphone via Home + Security app
- 7 Inch colour monitor with soft touch buttons
- White finish
- Double opening (door and gate)
- Light activation
- Integration with Netatmo Smart Cameras and Security devices
- Additional CCTV camera
- Entrance panel can call 2 apartments
- Plug-In or DIN power supply

7" inch easykit plus video kits

- Simple and modern
- 7 Inch colour monitor with soft touch buttons
- Mirror effect design
- Black finish
- Double opening (door and gate)
- Light activation
- Additional CCTV camera
- Entrance panel can call 2 apartments
- Plug-In or DIN power supply

7" mirror effect / white finish video kits

- Practical and essential
- 7 Inch colour monitor with soft touch buttons
- White finish
- Double opening (door and gate)
- Additional CCTV camera
- Entrance panel can call 2 apartments
- Plug-In or DIN power supply
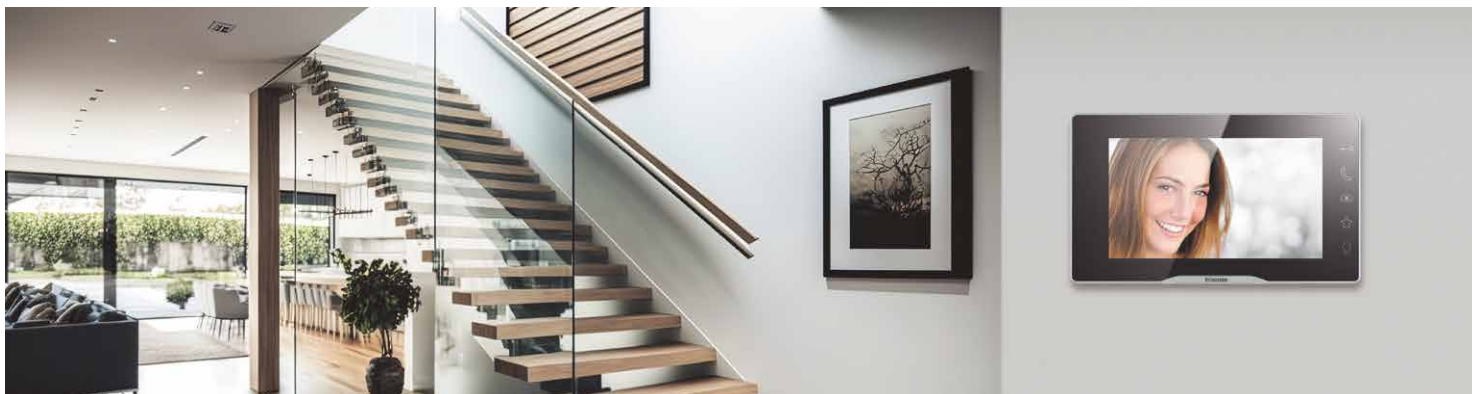
AND EXPAND IT

All Easykits can be expanded up to a maximum of 3 internal units and one additional entrance
panel or CCTV camera for each apartment. Only one easy kit connected per home can be installed.

7 Inch Wifi additional internal units	7 Inch Plus additional internal units	7 Inch Essential additional internal units	Additional entrance panel additional camera
Plug-In or DIN Power supply	**Plug-In or DIN Power supply**	**Plug-In or DIN Power supply**	**ENTRANCE PANEL durable aluminium finishing**

ENTRANCE PANEL
durable aluminium finishing

- Practical 2-wires installation
- Weatherproof (IP54)
- Metal protective rainshield
- IK07 degree of protection
- Wide-angle camera (105°)
- LED light and night vision
- Adaptable for one or two-family houses
- Can be connected to a security camera

EASYKIT

WITH PLUG-IN POWER SUPPLY

⊏≺ 2 WIRES

7" WHITE FINISH EASYKIT Wifi with Netatmo
WITH PLUG-IN POWER SUPPLY

One family two wires colour **EASYKIT Wifi with Netatmo** connected video kit with plug-in power supply and wall mounted entrance panel that can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Wifi connected handsfree 7″ screen internal unit white finish with European Plug-In power supply included. The system can be expanded up to 3 traditional handsfree internal units. Thanks to the Wifi connection, you can associate the video internal unit to the HOME + SECURITY App (available for Android and iOS).
You can manage by the App the main video internal unit functions (receiving calls, opening the door lock, view the cameras). Through the same App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector).
This allows you to quickly and easily create a Smart security system.

7" MIRROR BLACK FINISH EASYKIT PLUS
WITH PLUG-IN POWER SUPPLY

One family two wires colour **EASYKIT Plus** video kit with plug-in power supply and wall mounted entrance panel that can be easily adapted for two family houses.
An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7″ screen internal unit black finish mirror effect, with touch control commands for main functions and European Plug-In power supply included.
The system can be expanded up to 3 traditional handsfree internal units.

7" WHITE FINISH EASYKIT ESSENTIAL
WITH PLUG-IN POWER SUPPLY

One family two wires colour **EASYKIT Essentia**l video kit with plug-in power supply and wall mounted entrance panelthat can be easily adapted for two family houses.
An external CCTV colour camera can be directly connected to the entrance panel.Handsfree 7″ screen internal unit white finish with touch control commands for main functions and European Plug-In power supply included.
The system can be expanded up to 3 traditional handsfree internal units.

2 WIRES SOLUTIONS

PLUG-IN PWS (included)	EASYKIT Wifi with Netatmo	EASYKIT PLUS	EASYKIT ESSENTIAL
European standard	**BT-310913** 7 inch white finish screen **Wifi with Netatmo KIT**	**BT-318913** 7 inch black finish screen **Plus KIT**	**BT-317913** 7 inch white finish screen **Essential kit**
	BT-335253 7 inch white finish **additional** **Wifi with Netatmo Internal unit**	**BT-334253** 7 inch black finish **additional Plus Internal unit**	**BT-333253** 7 inch white finish **additional** **Essential Internal unit**
Video colour entrance panel	**BT-331860** (Additional colour entrance panel with rainshield)		
Additional External camera	**BT-391441** (European standard PLUG Colour external camera)		
Spare part Power supply	**BT-SP101** (Spare part plug-in power supply)		

NOTE: internal units are all compatible. As additional internal unit you can use any of the range.

EASYKIT with PLUG-IN POWER SUPPLY

BT-310913 BT-318913 BT-317913 BT-335253 BT-334253 BT-333253

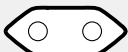| Item	
	7" White finish EASYKIT Wifi with plug-in power supply
BT-310913	One family two wires colour **EASYKIT Wifi connected video kit with plug-in power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Wifi connected handsfree 7" screen internal unit white finish with European PLUG-IN std power supply included. The system can be expanded up to 3 traditional handsfree internal units. Thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS). You can manage by the App the main video internal unit functions (receiving calls, opening the door lock, view the cameras). Through the same App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector). This allows you to quickly and easily create a Smart security system.

Additional video internal units

BT-335253	**Additional EASYKIT Wifi connected handsfree 7" screen internal unit white finish** with EU standard plug-in power supply included. Touch control commands for main functions. Wall mounting installation. Thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS).
BT-334253	**Additional EASYKIT Plus handsfree 7" screen internal unit black finish mirror effect** with EU standard plug-in power supply included. Touch control commands for main functions. Wall mounting installation.
BT-333253	**Additional handsfree 7" EASYKIT Essential screen internal unit white finish** with EU standard plug-in power supply included. Touch control commands for main functions. Wall mounting installation.

Item	
	7" Mirror black finish EASYKIT Plus with plug-in power supply
BT-318913	One family two wires colour **EASYKIT Plus video kit with plug-in power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit black finish mirror effect, with touch control commands for main functions and European PLUG-IN std power supply included. The system can be expanded up to 6 internal units (3 per entrance panel) and up to 2 entrance panels.
	7" Mirror black finish EASYKIT Essential with plug-in power supply
BT-317913	One family two wires colour **EASYKIT Essential video kit with plug-in power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit white finish with touch control commands for main functions and European PLUG-IN std power supply included. The system can be expanded up to 6 internal units (3 per entrance panel) and up to 2 entrance panels.

BT-331860   BT-391441   BT-SP101

Item	**Additional video entrance panel with rainshield**
BT-331860	Additional video colour entrance panel with rainshield. Wide angle colour camera (105°). IP54 Protection degree.
	Additional external camera
BT-391441	Additional external colour camera with coaxial video output, metal case and 3.6 mm fixed lens. Night vision. Power supply 100-240 Vac / 50-60 Hz (12 VDC Plug-in power supply with EU standard socket supplied). Degree of protection IP66 – degree of robustness IK07. Can be connected directly to the entrance panel.
	Plug-In power supply
BT-SP101	Plug-In power supply with EU Standard plug. Nominal input voltage : 110 - 240 Vac @ 50/60 Hz. Output : 30 Vdc - 1 A. Integrated fuse on PRI side (F1 T2A 250 V).

2 WIRES SOLUTIONS

Wiring diagram example

230 Vac

Distance between CCTV camera and EP: coaxial ≤100m

Optional

SEP

CCTV	CCTV
	GND
TO IU	D1
	D2
Light	+
	-
GATE Lock	G+
	G-
DOOR Lock	L-
	L+

R2
R1
D2
D1

Optional

100 - 240 Va.c.

100 - 240 Va.c.

EASYKIT

WITH DIN POWER SUPPLY

2 WIRES

7" WHITE FINISH EASYKIT Wifi with Netatmo
WITH DIN POWER SUPPLY

One family two wires colour **EASYKIT Wifi with Netatmo** connected video kit with 2-DIN modules power supply and wall mounted entrance panel that can be easily adapted for two family houses.
An external CCTV colour camera can be directly connected to the entrance panel. Wifi connected handsfree 7" screen internal unit white finish.
The system can be expanded up to 3 traditional handsfree internal units. Thanks to the Wifi connection, you can associate the video internal unit to the HOME + SECURITY App (available for Android and iOS). You can manage by the App the main video internal unit functions (receiving calls, opening the door lock, view the cameras). Through the same App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector).
This allows you to quickly and easily create a Smart security system.

7" MIRROR BLACK FINISH EASYKIT PLUS
WITH DIN POWER SUPPLY

One family two wires colour **EASYKIT Plus** video kit with 2-DIN modules power supply and wall mounted entrance panel that can be easily adapted for two family houses.
An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit black finish mirror effect, with touch control commands for main functions.
The system can be expanded up to 3 traditional handsfree internal units.

7" WHITE FINISH EASYKIT ESSENTIAL
WITH DIN POWER SUPPLY

One family two wires colour **EASYKIT Essential** video kit with 2-DIN modules power supply and wall mounted entrance panel that can be easily adapted for two family houses.
An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit white finish with touch control commands for main functions.
The system can be expanded up to 3 traditional handsfree internal units.

DIN power supply (included)	EASYKIT Wifi with Netatmo	EASYKIT PLUS	EASYKIT ESSENTIAL
	BT-310914 7" inch white finish screen **Wifi with Netatmo KIT**	**BT-318914** 7" inch black finish screen **Plus KIT**	**BT-317914** 7" inch white finish screen **Essential kit**
	BT-335254 7" inch white finish **additional** **Wifi with Netatmo Internal unit**	**BT-334254** 7" inch black finish **additional Plus Internal unit**	**BT-333254** 7" inch white finish **additional** **Essential Internal unit**
Video colour entrance panel	**BT-331860** (Additional colour entrance panel with rainshield)		
Additional External camera	**BT-391441** (European standard PLUG Colour external camera)		
Spare part Power supply	**BT-SP102** (2-DIN Spare part power supply)		

NOTE: internal units are all compatible. As additional internal unit you can use any of the range.

EASYKIT with DIN POWER SUPPLY

BT-310914	BT-318914	BT-317914	BT-335254	BT-334254	BT-333254

Item	**7" White finish EASYKIT Wifi with DIN power supply**
BT-310914	One family two wires colour **EASYKIT Wifi connected video kit with DIN power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Wifi connected handsfree 7" screen internal unit white finish with 2 DIN modules power supply included. The system can be expanded up to 3 traditional handsfree internal units. Thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS). You can manage by the App the main video internal unit functions (receiving calls, opening the door lock, view the cameras). Through the same App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector). This allows you to quickly and easily create a Smart security system.

Additional video internal units

BT-335254	**Additional EASYKIT Wifi connected handsfree 7" screen internal unit in white finish.** Touch control commands for main functions. Wall mounting installation. Thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS).
BT-334254	**Additional EASYKIT Plus handsfree 7" screen internal unit black finish mirror effect.** Touch control commands for main functions. Wall mounting installation.
BT-333254	**Additional handsfree 7" EASYKIT Essential screen internal unit white finish.** Touch control commands for main functions. Wall mounting installation.

Item	**7" Mirror black finish EASYKIT Plus with DIN power supply**
BT-318914	One family two wires colour **EASYKIT Plus video kit with DIN power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit black finish mirror effect, with touch control commands for main functions and DIN power supply included. The system can be expanded up to 6 internal units (3 per entrance panel) and up to 2 entrance panels.

BT-317914	**7" White finish EASYKIT Essential with DIN power supply**
	One family two wires colour **EASYKIT Essential video kit with DIN power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit white finish with touch control commands for main functions and DIN power supply included. The system can be expanded up to 6 internal units (3 per entrance panel) and up to 2 entrance panels.

2 WIRES
SOLUTIONS

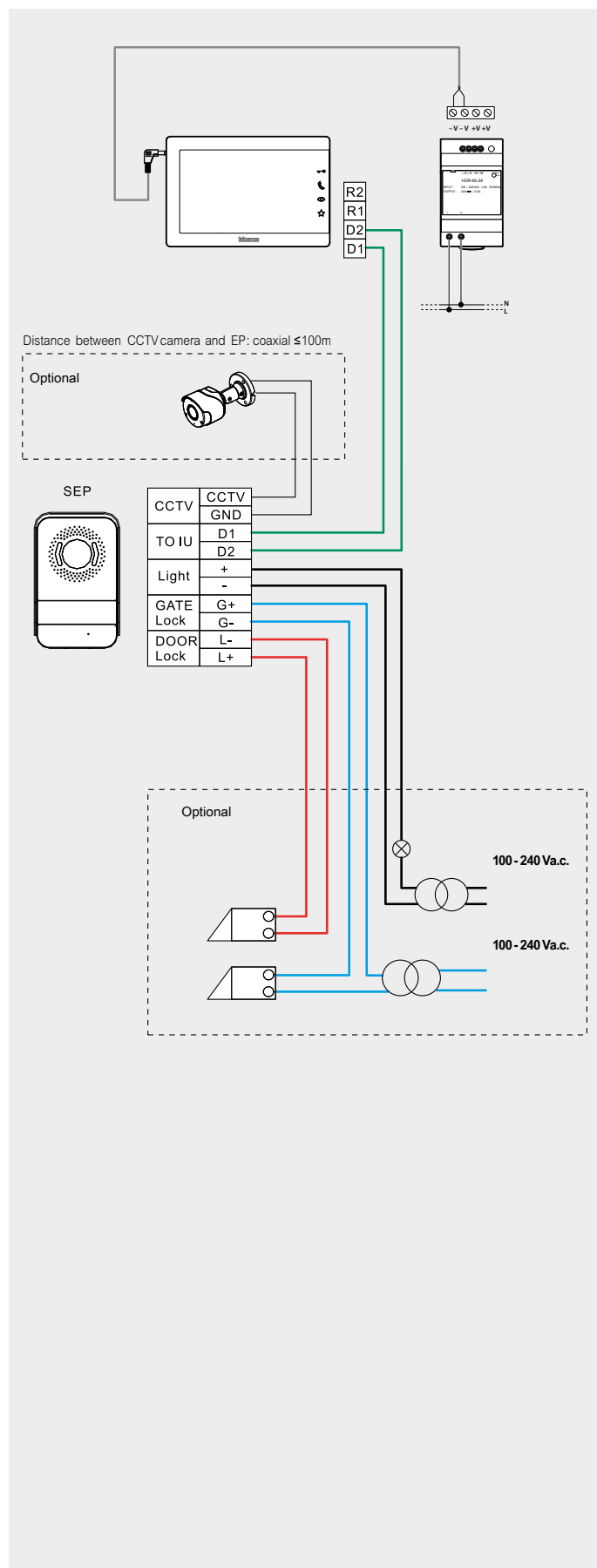BT-331860　　　BT-391441　　　BT-SP102

Item	**Additional video entrance panel with rainshield**
BT-331860	Additional video colour entrance panel with rainshield. Wide angle colour camera (105°). IP54 Protection degree.
	Additional external camera
BT-391441	Additional external colour camera with coaxial video output, metal case and 3.6 mm fixed lens. Night vision. Power supply 100-240 Vac / 50-60 Hz (12 VDC Plug-in power supply with EU standard socket supplied). Degree of protection IP66 – degree of robustness IK07. Can be connected directly to the entrance panel.
	Plug-In power supply
BT-SP102	2 DIN module power supply. Nominal input voltage : 85 - 264 Vac @ 50/60 Hz. Output: 24 Vdc - 2.5 A. It must only be installed indoors and only in switchboards set up for DIN devices. Use an omnipolar switch with separation between the contacts of at least 3 mm positioned near the power supply.

Wiring diagram example

Distance between CCTV camera and EP: coaxial ≤100m

Optional

SEP

CCTV	CCTV
	GND
TO IU	D1
	D2
Light	+
	-
GATE Lock	G+
	G-
DOOR Lock	L-
	L+

Optional

100 - 240 Va.c.

100 - 240 Va.c.

EASYKIT

WITH PLUG-IN POWER SUPPLY

━⊏ 2 WIRES

7" WHITE FINISH EASYKIT Wifi with Netatmo
WITH PLUG-IN POWER SUPPLY

One family two wires colour **EASYKIT Wifi with Netatmo** connected video kit with plug-in power supply and wall mounted entrance panel that can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Wifi connected handsfree 7" screen internal unit white finish with European Plug-In power supply included. The system can be expanded up to 3 traditional handsfree internal units. Thanks to the Wifi connection, you can associate the video internal unit to the HOME + SECURITY App (available for Android and iOS).
You can manage by the App the main video internal unit functions (receiving calls, opening the door lock, view the cameras). Through the same App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector).
This allows you to quickly and easily create a Smart security system.

7" MIRROR BLACK FINISH EASYKIT PLUS
WITH PLUG-IN POWER SUPPLY

One family two wires colour **EASYKIT Plus** video kit with plug-in power supply and wall mounted entrance panel that can be easily adapted for two family houses.
An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit black finish mirror effect, with touch control commands for main functions and European Plug-In power supply included.
The system can be expanded up to 3 traditional handsfree internal units.

7" WHITE FINISH EASYKIT ESSENTIAL
WITH PLUG-IN POWER SUPPLY

One family two wires colour **EASYKIT Essential** video kit with plug-in power supply and wall mounted entrance panelthat can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel.Handsfree 7" screen internal unit white finish with touch control commands for main functions and European Plug-In power supply included.
The system can be expanded up to 3 traditional handsfree internal units.

PLUG-IN PWS (included)	EASYKIT Wifi with Netatmo	EASYKIT PLUS	EASYKIT ESSENTIAL
European standard	**LG-360910** 7 inch white finish screen **Wifi with Netatmo KIT**	**LG-368910** 7 inch black finish screen **Plus KIT**	**LG-367910** 7 inch white finish screen **Essential kit**
	LG-365220 7 inch white finish **additional Wifi with Netatmo Internal unit**	**LG-364220** 7 inch black finish **additional Plus Internal unit**	**LG-363220** 7 inch white finish **additional Essential Internal unit**
Video colour entrance panel	**LG-369339** (Additional colour entrance panel with rainshield)		
Additional External camera	**LG-369401** (European standard PLUG Colour external camera)		
Spare part Power supply	**BT-SP101** (Spare part plug-in power supply)		

NOTE: internal units are all compatible. As additional internal unit you can use any of the range.

EASYKIT with PLUG-IN POWER SUPPLY

LG-360910   LG-368910   LG-367910   LG-365220   LG-364220   LG-363220

Item	7" White finish EASYKIT Wifi with plug-in power supply
LG-360910	One family two wires colour **EASYKIT Wifi connected video kit with plug-in power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Wifi connected handsfree 7" screen internal unit white finish with European PLUG-IN std power supply included. The system can be expanded up to 3 traditional handsfree internal units. Thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS). You can manage by the App the main video internal unit functions (receiving calls, opening the door lock, view the cameras). Through the same App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector). This allows you to quickly and easily create a Smart security system.

Additional video internal units

LG-365220	**Additional EASYKIT Wifi connected handsfree 7" screen internal unit white finish** with EU standard plug-in power supply included. Touch control commands for main functions. Wall mounting installation. Thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS).
LG-364220	**Additional EASYKIT Plus handsfree 7" screen internal unit black finish mirror effect** with EU standard plug-in power supply included. Touch control commands for main functions. Wall mounting installation.
LG-363220	**Additional handsfree 7" EASYKIT Essential screen internal unit white finish** with EU standard plug-in power supply included. Touch control commands for main functions. Wall mounting installation.

Item	7" Mirror black finish EASYKIT Plus with plug-in power supply
LG-368910	One family two wires colour **EASYKIT Plus video kit with plug-in power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit black finish mirror effect, with touch control commands for main functions and European PLUG-IN std power supply included. The system can be expanded up to 6 internal units (3 per entrance panel) and up to 2 entrance panels.

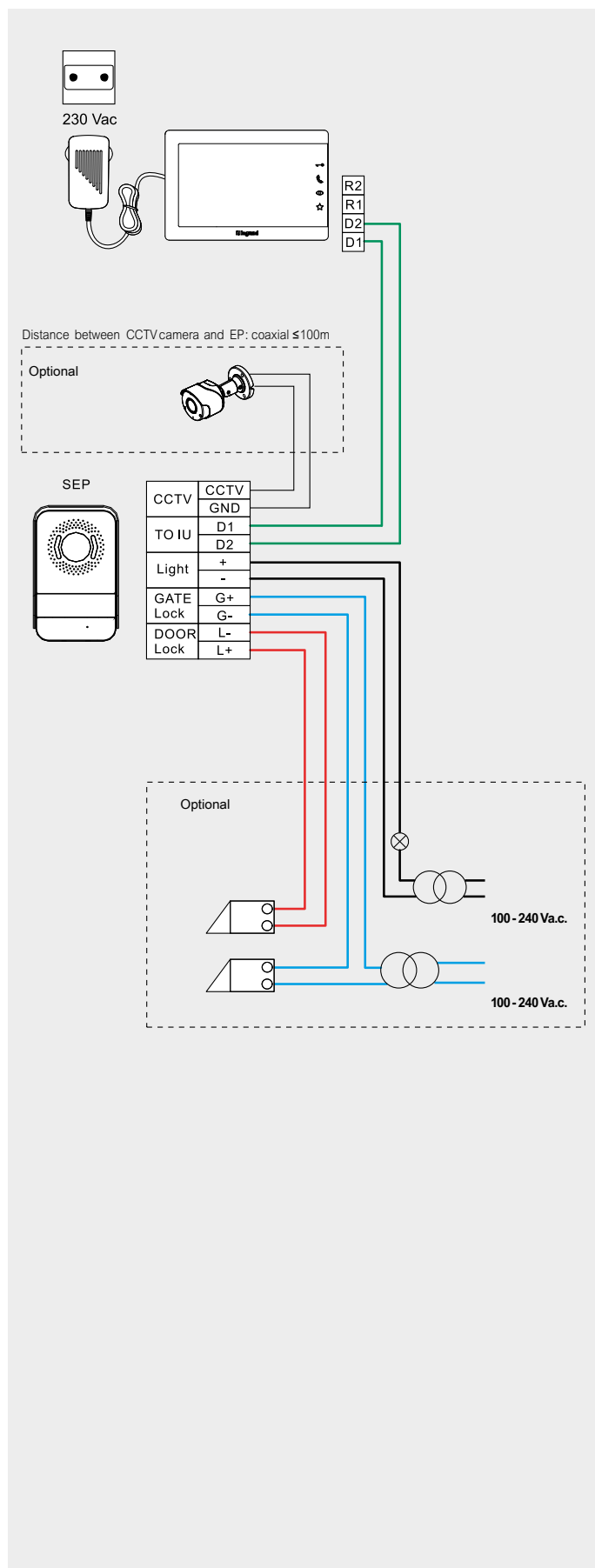|	7" Mirror black finish EASYKIT Essential with plug-in power supply
LG-367910	One family two wires colour **EASYKIT Essential video kit with plug-in power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit white finish with touch control commands for main functions and European PLUG-IN std power supply included. The system can be expanded up to 6 internal units (3 per entrance panel) and up to 2 entrance panels.

LG-369339   LG-369401   BT-SP101

Item	**Additional video entrance panel with rainshield**
LG-369339	Additional video colour entrance panel with rainshield. Wide angle colour camera (105°). IP54 Protection degree.
	Additional external camera
LG-369401	Additional external colour camera with coaxial video output, metal case and 3.6 mm fixed lens. Night vision. Power supply 100-240 Vac / 50-60 Hz (12 VDC Plug-in power supply with EU standard socket supplied). Degree of protection IP66 – degree of robustness IK07. Can be connected directly to the entrance panel.
	Plug-In power supply
BT-SP101	Plug-In power supply with EU Standard plug. Nominal input voltage : 110 - 240 Vac @ 50/60 Hz. Output : 30 Vdc - 1 A. Integrated fuse on PRI side (F1 T2A 250 V).

Wiring diagram example

Distance between CCTV camera and EP: coaxial ≤100m

EASYKIT

WITH DIN POWER SUPPLY

⊏= 2 WIRES

7" WHITE FINISH EASYKIT Wifi with Netatmo
WITH DIN POWER SUPPLY

One family two wires colour **EASYKIT Wifi with Netatmo** connected video kit with 2-DIN modules power supply and wall mounted entrance panel that can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel.
Wifi connected handsfree 7″ screen internal unit white finish.
The system can be expanded up to 3 traditional handsfree internal units.
Thanks to the Wifi connection, you can associate the video internal unit to the HOME + SECURITY App (available for Android and iOS). You can manage by the App the main video internal unit functions (receiving calls, opening the door lock, view the cameras). Through the same App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector).
This allows you to quickly and easily create a Smart security system.

7" MIRROR BLACK FINISH EASYKIT PLUS
WITH DIN POWER SUPPLY

One family two wires colour **EASYKIT Plus** video kit with 2-DIN modules power supply and wall mounted entrance panel that can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7″ screen internal unit black finish mirror effect, with touch control commands for main functions.
The system can be expanded up to 3 traditional handsfree internal units.

7" WHITE FINISH EASYKIT ESSENTIAL
WITH DIN POWER SUPPLY

One family two wires colour **EASYKIT Essential** video kit with 2-DIN modules power supply and wall mounted entrance panel that can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7″ screen internal unit white finish with touch control commands for main functions.
The system can be expanded up to 3 traditional handsfree internal units.

DIN power supply (included)	EASYKIT Wifi with Netatmo	EASYKIT PLUS	EASYKIT ESSENTIAL
	LG-360915 7" inch white finish screen **Wifi with Netatmo KIT**	**LG-368915** 7" inch black finish screen **Plus KIT**	**LG-367915** 7" inch white finish screen **Essential kit**
	LG-365225 7" inch white finish **additional** **Wifi with Netatmo Internal unit**	**LG-364225** 7" inch black finish **additional Plus Internal unit**	**LG-363225** 7" inch white finish **additional** **Essential Internal unit**
Video colour entrance panel	**LG-369339** (Additional colour entrance panel with rainshield)		
Additional External camera	**LG-369401** (European standard PLUG Colour external camera)		
Spare part Power supply	**BT-SP102** (2-DIN Spare part power supply)		

NOTE: internal units are all compatible. As additional internal unit you can use any of the range.

LEGRAND BRAND KITS

EASYKIT with DIN POWER SUPPLY

LG-360915   LG-368915   LG-367915   LG-365225   LG-364225   LG-363225

Item	**7" White finish EASYKIT Wifi with DIN power supply**
LG-360915	One family two wires colour **EASYKIT Wifi connected video kit with DIN power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Wifi connected handsfree 7" screen internal unit white finish with 2 DIN modules power supply included. The system can be expanded up to 3 traditional handsfree internal units. Thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS). You can manage by the App the main video internal unit functions (receiving calls, opening the door lock, view the cameras). Through the same App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector). This allows you to quickly and easily create a Smart security system.

Additional video internal units

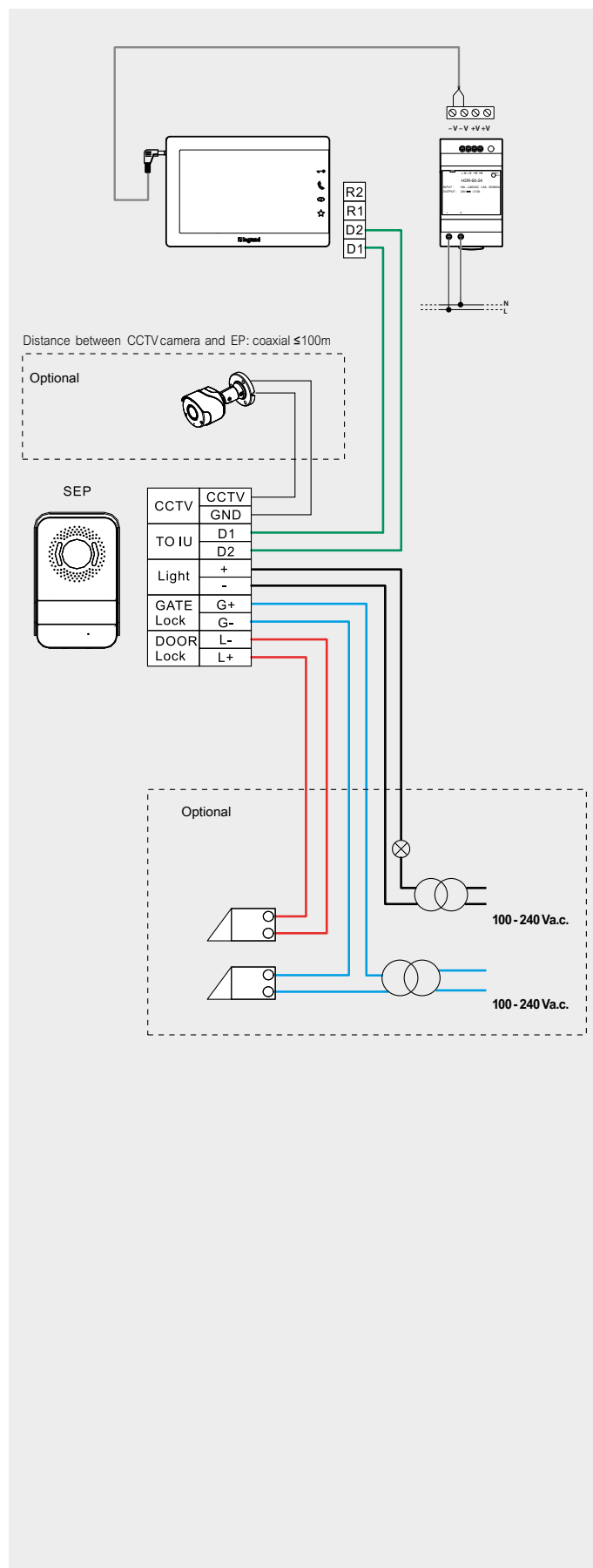| LG-365225	**Additional EASYKIT Wifi connected handsfree 7" screen internal unit in white finish.** Touch control commands for main functions. Wall mounting installation. Thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS).
LG-364225	**Additional EASYKIT Plus handsfree 7" screen internal unit black finish mirror effect.** Touch control commands for main functions. Wall mounting installation.
LG-363225	**Additional handsfree 7" EASYKIT Essential screen internal unit white finish.** Touch control commands for main functions. Wall mounting installation.

Item	**7" Mirror black finish EASYKIT Plus with DIN power supply**
LG-368915	One family two wires colour **EASYKIT Plus video kit with DIN power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit black finish mirror effect, with touch control commands for main functions and DIN power supply included. The system can be expanded up to 6 internal units (3 per entrance panel) and up to 2 entrance panels.

LG-367915	**7" Mirror black finish EASYKIT Essential with DIN power supply**
	One family two wires colour **EASYKIT Essential video kit with DIN power supply and wall mounted entrance panel.** Metal finish entrance panel with rainshield, colour wide angle camera and LED for the night illumination of the field of view. Entrance panel can be easily adapted for two family houses. An external CCTV colour camera can be directly connected to the entrance panel. Handsfree 7" screen internal unit white finish with touch control commands for main functions and DIN power supply included. The system can be expanded up to 6 internal units (3 per entrance panel) and up to 2 entrance panels.

2 WIRES SOLUTIONS

LG-369339   LG-369401   BT-SP102

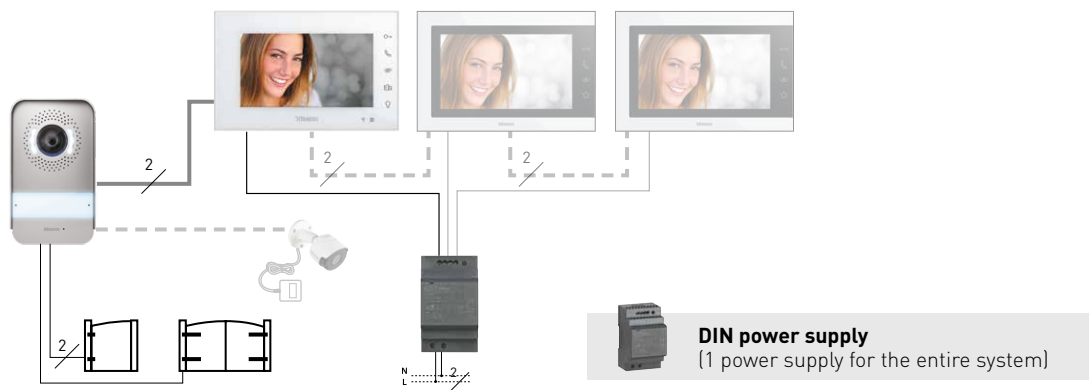| Item	**Additional video entrance panel with rainshield**
LG-369339	Additional video colour entrance panel with rainshield. Wide angle colour camera (105°). IP54 Protection degree.
	Additional external camera
BT-369401	Additional external colour camera with coaxial video output, metal case and 3.6 mm fixed lens. Night vision. Power supply 100-240 Vac / 50-60 Hz (12 VDC Plug-in power supply with EU standard socket supplied). Degree of protection IP66 – degree of robustness IK07. Can be connected directly to the entrance panel.
	Plug-In power supply
BT-SP102	2 DIN module power supply. Nominal input voltage : 85 - 264 Vac @ 50/60 Hz. Output: 24 Vdc - 2.5 A. It must only be installed indoors and only in switchboards set up for DIN devices. Use an omnipolar switch with separation between the contacts of at least 3 mm positioned near the power supply.

Wiring diagram example

Distance between CCTV camera and EP: coaxial ≤100m

Optional

SEP

CCTV	CCTV
	GND
TO IU	D1
	D2
Light	+
	-
GATE Lock	G+
	G-
DOOR Lock	L-
	L+

Optional

100 - 240 Va.c.

100 - 240 Va.c.

WIRING DIAGRAM EXAMPLES

≈ 2 WIRES

Example 1 - SINGLE FAMILY SYSTEM WITH ONE ENTRANCE PANEL & PLUG-IN POWER SUPPLY

ONE
FAMILY HOUSE

2

2

2

2

2

PLUG-IN power supply
(1 power supply for each monitor)
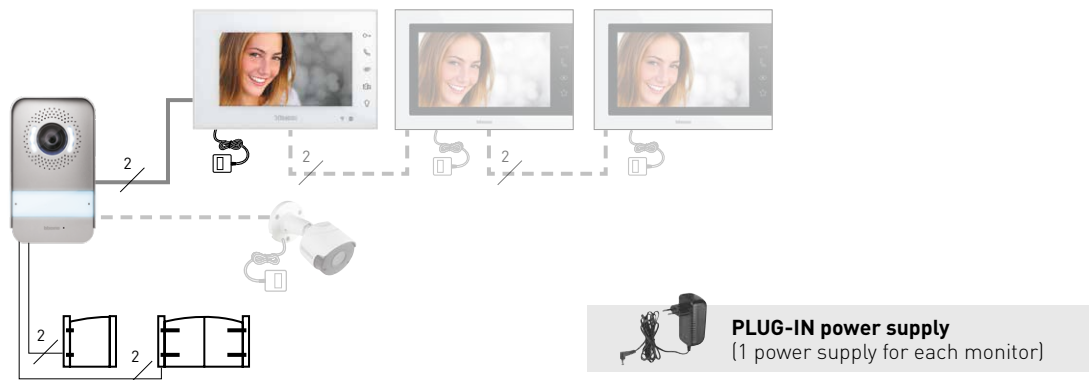
Example 2 - SINGLE FAMILY SYSTEM WITH TWO ENTRANCE PANELS & DIN POWER SUPPLY

ONE
FAMILY HOUSE

2

2

2

2

N
L   2

DIN power supply
(1 power supply for the entire system)

Example 3 - TWO-FAMILY SYSTEM WITH PLUG-IN POWER SUPPLY
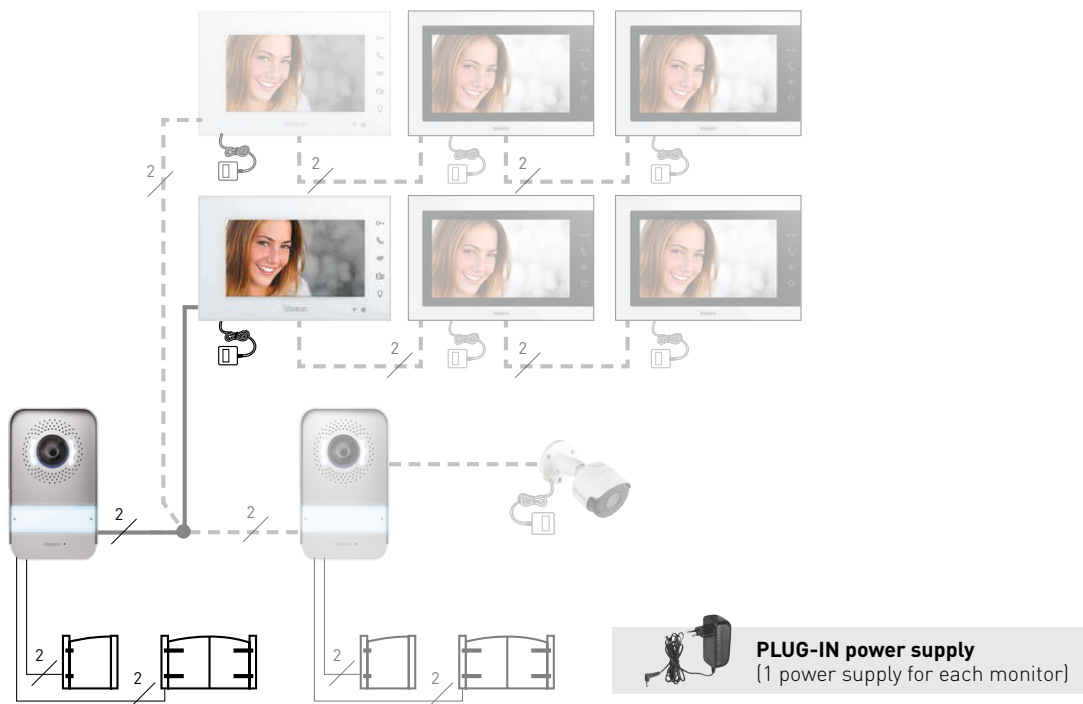
TWO
FAMILY HOUSE

PLUG-IN power supply
(1 power supply for each monitor)

NOTE: if necessary, to control the electrical door lock release, use DIN transformer BT-336842 (230 Va.c.)

Example 4 - TWO-FAMILY SYSTEM WITH DIN POWER SUPPLY

TWO
FAMILY HOUSE

DIN power supply
(1 power supply for the entire system)

NOTE: if necessary, to control the electrical door lock release, use DIN transformer BT-336842 (230 Va.c.)

BASIC 4 WIRES

7" COLOUR VIDEO KITS
7" HANDS-FREE AND HANDSET VIDEO KITS

One-family 4-wires colour video **hands-free and handset kits**, wall mounted with internal power supply, expandable up to 4 additional internal units and up to 1 additional entrance panel or a CCTV camera, offering the basic door entry system functions: call, intercom, door lock activation, image cycling. Composed of a hands-free or handset internal unit, with a 7" colour display and 12 ringtones, signaling LED and MUTE function; and a discrete Zamak entrance panel with rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.

4.3" COLOUR VIDEO KITS
4.3" HANDS-FREE AND HANDSET VIDEO KITS

One-family 4-wires colour video **hands-free and handset kits**, wall mounted with internal power supply, expandable up to 4 additional internal units and up to 1 additional entrance panel or a CCTV camera, offering the basic door entry system functions: call, intercom, door lock activation, image cycling. Composed of a hands-free or handset internal unit, with a 4.3" colour display and 12 ringtones, signaling LED and MUTE function; and a discrete Zamak entrance panel with rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.

HANDSET AUDIO KIT

One-family 4-wires handset audio kit, wall mounted with internal power supply, expandable up to 4 additional internal units, offering the basic door entry system functions: call, intercom, door lock activation. Composed of a handset audio internal unit, signaling LED and MUTE function; and a discrete Zamak entrance panel with rain-shield, microphone and speaker volume adjustments.

	7" VIDEO KITS	4.3" VIDEO KITS	AUDIO KIT
Kit	BT-315511 (7" Hands-free kit) BT-315411 (7" Handset kit)	BT-315311 (4.3" Hands-free kit) BT-315211 (4.3" Handset kit)	BT-315111 (Handset kit)
Additional internal units	BT-330851 (Additional 7" Handsfree internal unit) BT-330751 (Additional 7" Handset internal unit)	BT-330651 (Additional 4.3" Handsfree internal unit) BT-330551 (Additional 4.3" Handset internal unit)	BT-330451 (Additional audio handset)
	NOTE: internal units are all compatible. As additional internal unit you can use any of the range.		
Additional entrance panels	BT-330560 (Additional video entrance panel with rainshield) BT-330460 (Additional audio entrance panel with rainshield) BT-330660 (Entrance panel angle bracket accessory)		
Additional external cameras	BT-391441 (Additional external camera – European standard)		

BT-315511   BT-315411   BT-315311   BT-315211   BT-315111
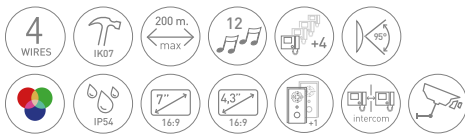
Item	**7" Video kits**
	ONE-FAMILY 4-wires colour video hands-free or handset kit, wall mounted with internal power supply, expandable up to 4 additional Internal Units and up to 1 additional External Panel or an External Camera (NTSC or PAL), offering the following functions: call, intercom, door lock activation, image cycling. Composed of a hands-free or a handset Video Internal Unit, with a 7" colour display and 12 ringtones, signaling LED and MUTE function; and a discrete Zamak Entrance Panel, with rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.
BT-315511	7" Hands-free video kit
BT-315411	7" Handset video kit

Item	**4.3" Video kits**
	ONE-FAMILY 4-wires colour video hands-free or handset kit, wall mounted with internal power supply, expandable up to 4 additional Internal Units and up to 1 additional External Panel or an External Camera (NTSC or PAL), offering the following functions: call, intercom, door lock activation, image cycling. Composed of a hands-free or a handset Video Internal Unit, with a 4,3" colour display, signaling LED and MUTE function; and a discrete Zamak Entrance Panel, with rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.
BT-315311	4.3" Hands-free video kit
BT-315211	4.3" Handset video kit

Item	**Audio kit**
	ONE-FAMILY 3-wires handset Audio kit, wall mounted with internal power supply, expandable up to 4 additional Internal Units, offering the following functions: call, intercom, door lock activation. Composed of a handset Audio Internal Unit, signaling LED and MUTE function; and a discrete Zamak Entrance Panel with rain-shield, microphone and speaker volume adjustments.
BT-315111	Handset audio kit

BT-330851

BT-330751

BT-330651

BT-330551

BT-330451

BT-330560

BT-330460

BT-330660

BT-391441

Item	**Additional 7" Video Internal Units**
BT-330851	Colour video hands-free additional Internal Unit, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with internal power supply, a 7" colour display and 12 ringtones, signaling LED and MUTE function, offering the following functions: call, intercom, door lock activation, image cycling.
BT-330751	Colour video handset additional internal unit, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with internal power supply, a 7" colour display and 12 ringtones, signaling LED and MUTE function, offering the following functions: call, intercom, door lock activation, image cycling.

Additional 4.3" Video Internal Units

BT-330651	Colour video hands-free additional Internal Unit, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with internal power supply, a 4,3" colour display and 12 ringtones, signaling LED and MUTE function, offering the following functions: call, intercom, door lock activation, image cycling.
BT-330551	Colour video handset additional Internal Unit, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with internal power supply, a 4,3" colour display and 12 ringtones, signaling LED and MUTE function, offering the following functions: call, intercom, door lock activation, image cycling.

Additional Audio handset Internal Unit

BT-330451	Audio handset additional Internal Unit, recommended to expand ONE FAMILY BASIC Video or Audio Kit, wall mounted with internal power supply, signaling LED and MUTE function, offering the following functions: call, intercom and door lock activation.

Item	**Additional Video Entrance Panel**
BT-330560	Additional Zamak Entrance Panel, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with embedded rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.

Additional Audio Entrance Panel

BT-330460	Additional Zamak Entrance Panel, recommended to expand a ONE FAMILY BASIC Audio or Video Kit, wall mounted with embedded rain-shield, microphone and speaker volume adjustments.

Angle Bracket accessory

BT-330660	Accessory for the installation of the External Panels BT-330560 - BT-330460 to adjust its visual field by a 30˚-angle, to the right or to the left.

Additional External Camera

External colour camera, IP66 Protection Degree, PAL video system, with plug-in power supply included.

BT-391441	European standard plug version

BASIC

4 WIRES

7" COLOUR VIDEO KITS
7" HANDS-FREE AND HANDSET VIDEO KITS

One-family 4-wires colour video **hands-free and handset kits**, wall mounted with internal power supply, expandable up to 4 additional internal units and up to 1 additional entrance panel or a CCTV camera, offering the basic door entry system functions: call, intercom, door lock activation, image cycling. Composed of a hands-free or handset internal unit, with a 7" colour display and 12 ringtones, signaling LED and MUTE function; and a discrete Zamak entrance panel with rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.

4.3" COLOUR VIDEO KITS
4.3" HANDS-FREE AND HANDSET VIDEO KITS

One-family 4-wires colour video **hands-free and handset kits**, wall mounted with internal power supply, expandable up to 4 additional internal units and up to 1 additional entrance panel or a CCTV camera, offering the basic door entry system functions: call, intercom, door lock activation, image cycling. Composed of a hands-free or handset internal unit, with a 4.3" colour display and 12 ringtones, signaling LED and MUTE function; and a discrete Zamak entrance panel with rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.

HANDSET AUDIO KIT

One-family 4-wires handset audio kit, wall mounted with internal power supply, expandable up to 4 additional internal units, offering the basic door entry system functions: call, intercom, door lock activation. Composed of a handset audio internal unit, signaling LED and MUTE function; and a discrete Zamak entrance panel with rain-shield, microphone and speaker volume adjustments.

	7" VIDEO KITS	4.3" VIDEO KITS	AUDIO KIT
Kit	**LG-369580** (7" Hands-free kit) **LG-369570** (7" Handset kit)	**LG-369560** (4.3" Hands-free kit) **LG-369550** (4.3" Handset kit)	**LG-369500** (Handset kit)
Additional internal units	**LG-369585** (7" Hands-free additional video internal unit) **LG-369575** (7" Handset additional video internal unit)	**LG-369565** (4.3" Hands-free additional video internal unit) **LG-369555** (4.3" Handset additional video internal unit)	**LG-369505** (Handset additional audio internal unit)

NOTE: internal units are all compatible. As additional internal unit you can use any of the range.

Additional entrance panels	**LG-369596** (Additional video entrance panel with rainshield) **LG-369595** (Additional audio entrance panel with rainshield) **LG-369597** (Entrance panel angle bracket accessory)
Additional external cameras	**LG-369401** (Additional external camera – European standard)

LEGRAND BRAND KITS
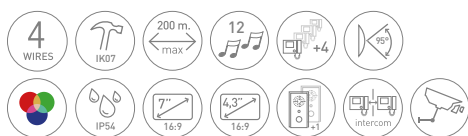## BASIC KITS

LG-369580   LG-369570   LG-369560   LG-369550   LG-369500

Item	**7" Video kits**
	ONE-FAMILY 4-wires colour video hands-free or handset kit, wall mounted with internal power supply, expandable up to 4 additional Internal Units and up to 1 additional External Panel or an External Camera (NTSC or PAL), offering the following functions: call, intercom, door lock activation, image cycling. Composed of a hands-free or a handset Video Internal Unit, with a 7" colour display and 12 ringtones, signaling LED and MUTE function; and a discrete Zamak Entrance Panel, with rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.
LG-369580	7" Hands-free video kit
LG-369570	7" Handset video kit

Item	**4.3" Video kits**
	ONE-FAMILY 4-wires colour video hands-free or handset kit, wall mounted with internal power supply, expandable up to 4 additional Internal Units and up to 1 additional External Panel or an External Camera (NTSC or PAL), offering the following functions: call, intercom, door lock activation, image cycling. Composed of a hands-free or a handset Video Internal Unit, with a 4,3" colour display, signaling LED and MUTE function; and a discrete Zamak Entrance Panel, with rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.
LG-369560	4.3" Hands-free video kit
LG-369550	4.3" Handset video kit

Item	**Audio kit**
	ONE-FAMILY 3-wires handset Audio kit, wall mounted with internal power supply, expandable up to 4 additional Internal Units, offering the following functions: call, intercom, door lock activation. Composed of a handset Audio Internal Unit, signaling LED and MUTE function; and a discrete Zamak Entrance Panel with rain-shield, microphone and speaker volume adjustments.
LG-369500	Handset audio kit

LG-369585

LG-369575

LG-369565

LG-369555

LG-369505

LG-369596

LG-369595

LG-369597

LG-369401

Item	Additional 7" Internal Units
LG-369585	Colour video hands-free additional Internal Unit, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with internal power supply, a 7" colour display and 12 ringtones, signaling LED and MUTE function, an External Camera (NTSC or PAL), offering the following functions: call, intercom, door lock activation, image cycling.
LG-369575	Colour video handset additional internal unit, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with internal power supply, a 7" colour display and 12 ringtones, signaling LED and MUTE function, an External Camera (NTSC or PAL), offering the following functions: call, intercom, door lock activation, image cycling.

Additional 4.3" Internal Units

LG-369565	Colour video hands-free additional Internal Unit, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with internal power supply, a 4,3" colour display and 12 ringtones, signaling LED and MUTE function, an External Camera (NTSC or PAL), offering the following functions: call, intercom, door lock activation, image cycling.
LG-369555	Colour video handset additional Internal Unit, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with internal power supply, a 4,3" colour display and 12 ringtones, signaling LED and MUTE function, an External Camera (NTSC or PAL), offering the following functions: call, intercom, door lock activation, image cycling.

Additional audio handset Internal Unit

LG-369505	Audio handset additional Internal Unit, recommended to expand ONE FAMILY BASIC Video or Audio Kit, wall mounted with internal power supply, signaling LED and MUTE function, offering the following functions: call, intercom and door lock activation.

Item	Additional video Entrance Panel
LG-369596	Additional Zamak Entrance Panel, recommended to expand a ONE FAMILY BASIC 4-wires Video Kit, wall mounted with embedded rain-shield, microphone and speaker volume adjustments, colour camera and LED for enhancing lighting in the visual field.

Additional audio Entrance Panel

LG-369595	Additional Zamak Entrance Panel, recommended to expand a ONE FAMILY BASIC Audio or Video Kit, wall mounted with embedded rain-shield, microphone and speaker volume adjustments

Angle bracket accessory

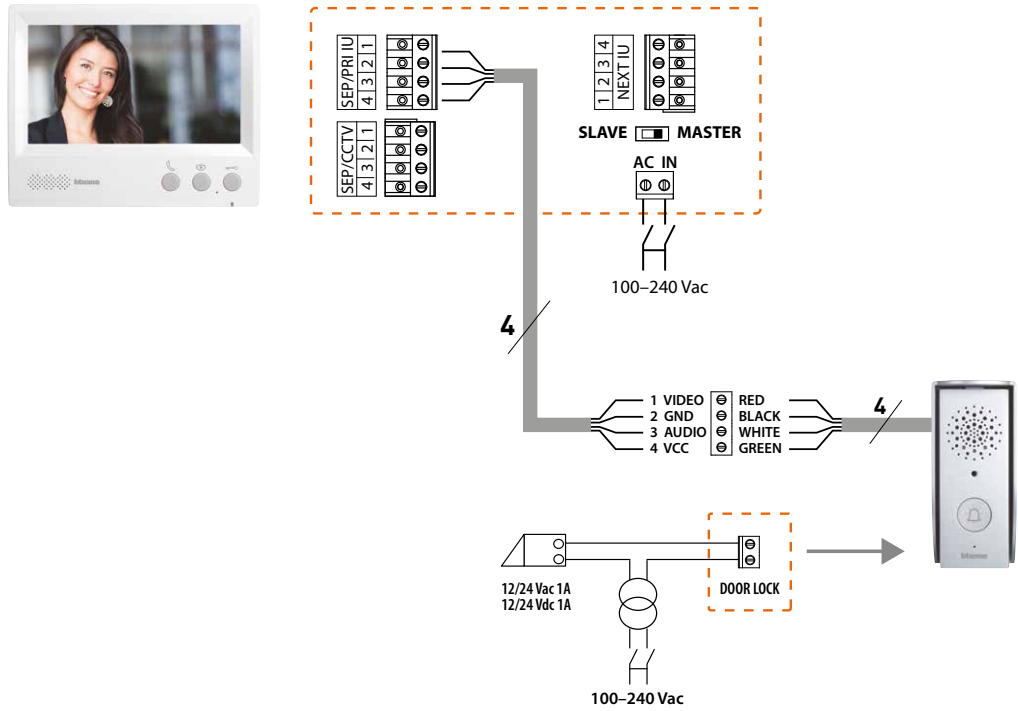|	
LG-369597	Accessory for the installation of the External Panels LG-369596 - LG-369595 to adjust its visual field by a 30˚-angle, to the right or to the left.

Additional External Camera

External colour camera, IP66 Protection Degree, PAL video system, with plug-in power supply included.
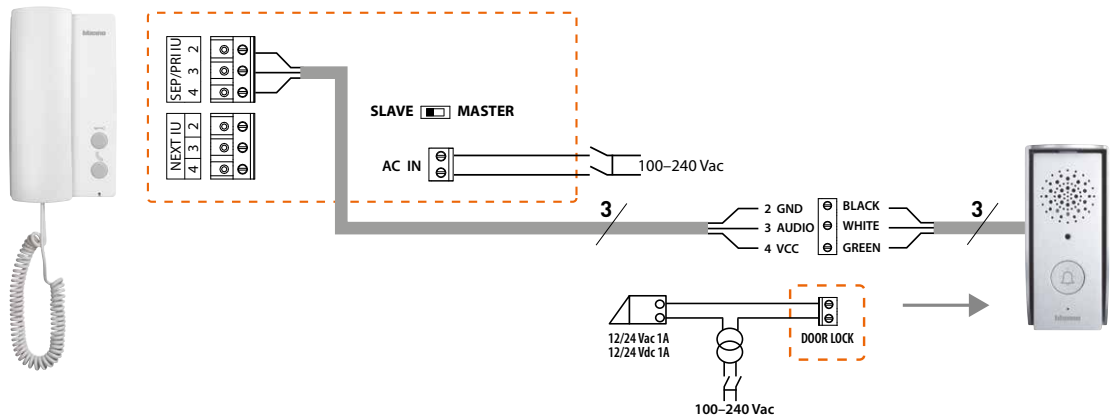
LG-369401	European standard plug version

WIRING DIAGRAM EXAMPLES

⟪ 4 WIRES

Example 1 - SINGLE FAMILY STANDARD VIDEO SYSTEM

ONE
FAMILY HOUSE

1 VIDEO	RED
2 GND	BLACK
3 AUDIO	WHITE
4 VCC	GREEN

SEP/PRI IU 4 3 2 1
SEP/CCTV 4 3 2 1
NEXT IU 1 2 3 4
SLAVE ☐☐ MASTER
AC IN
100–240 Vac

12/24 Vac 1A
12/24 Vdc 1A
DOOR LOCK
100–240 Vac

Example 2 - SINGLE FAMILY STANDARD AUDIO SYSTEM

ONE
FAMILY HOUSE

SEP/PRI IU 4 3 2
NEXT IU 4 3 2
SLAVE ☐☐ MASTER
AC IN 100–240 Vac

2 GND	BLACK
3 AUDIO	WHITE
4 VCC	GREEN

12/24 Vac 1A
12/24 Vdc 1A
DOOR LOCK
100–240 Vac

Example 3 - SINGLE FAMILY VIDEO SYSTEM – MAXIMUM EXPANSION WITH CAMERA

ONE
FAMILY HOUSE
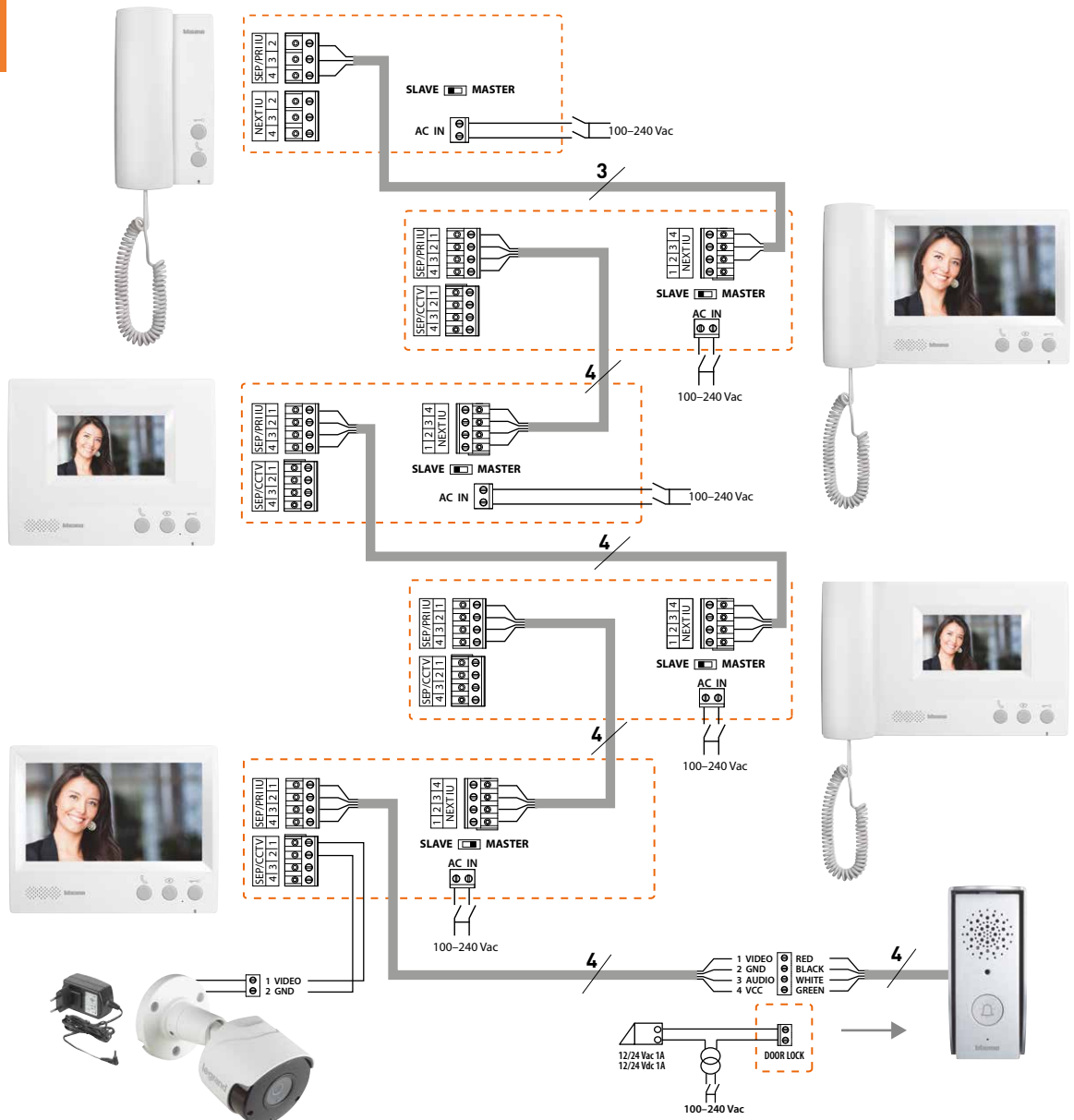
PROFESSIONAL KITS

- The 2-wires technology allows maximum flexibility and expandability
- From basic functions to advanced functions such as call redirection on smartphone, video door entry answering machine, Netatmo cameras integration, intercom and door opening with badge
- Modular DIN-rail power supply
- Include a manual with all the technical information required for the installation, connection, features and expansion possibilities.

SUITABLE FOR VILLA STANDARD - HIGH LEVEL APPLICATIONS

alexa | built-in

H + S
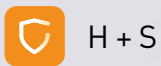
Call redirection on smartphone

CLASSE 300EOS

PROFESSIONAL
SOLUTIONS
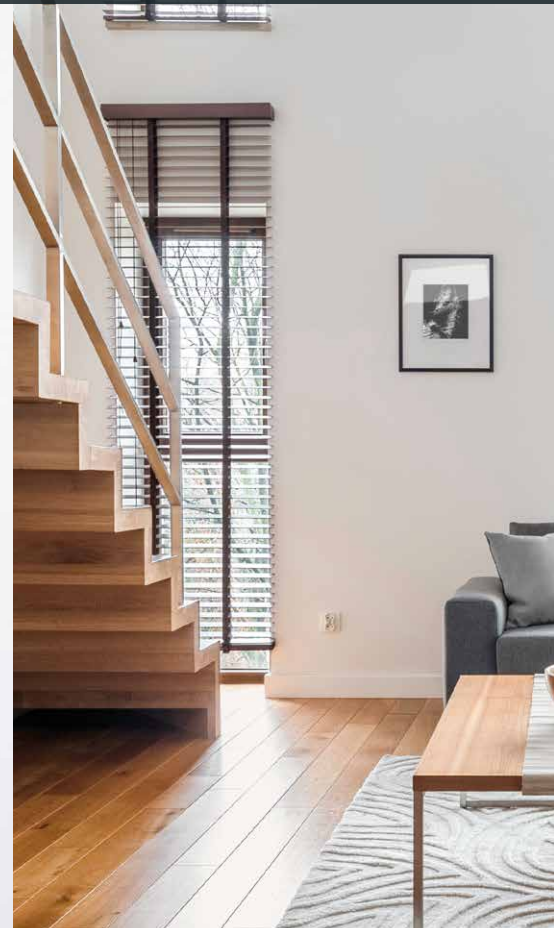
2 WIRES
FULL EXPANDIBILITY

EXPANSION

Expand these kits with other devices such as additional entrance panels, internal units, cameras, and home automation devices.

| AUDIO KITS | |

| VIDEO KITS | |

NETATMO
Smart Outdoor camera

LINEA 3000

Door opening with badge

PROFESSIONAL KITS

The 2 Wires professional kits guarantee maximum simplicity and flexibility of installation. They are the ideal solution for making new systems and in renovations.
Both audio and video systems require only 2 WIRES for the installation, so that existing wires can be used in the renovations. There is no need to respect polarity in the connections, giving maximum simplification in the installation work.

LINEA 3000 - One family audio Kit – installation example

ONE
FAMILY HOUSE
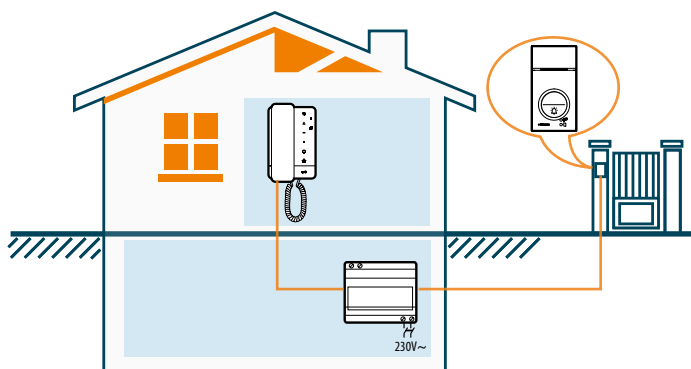
ONE FAMILY AUDIO KIT 364231

| **2** | Two family |
| **1** | One family |

LINEA 3000
ENTRANCE PANEL

POWER SUPPLY

CLASSE 100
AUDIO INTERNAL UNIT

Nina Jean

bticino

PROFESSIONAL SOLUTIONS
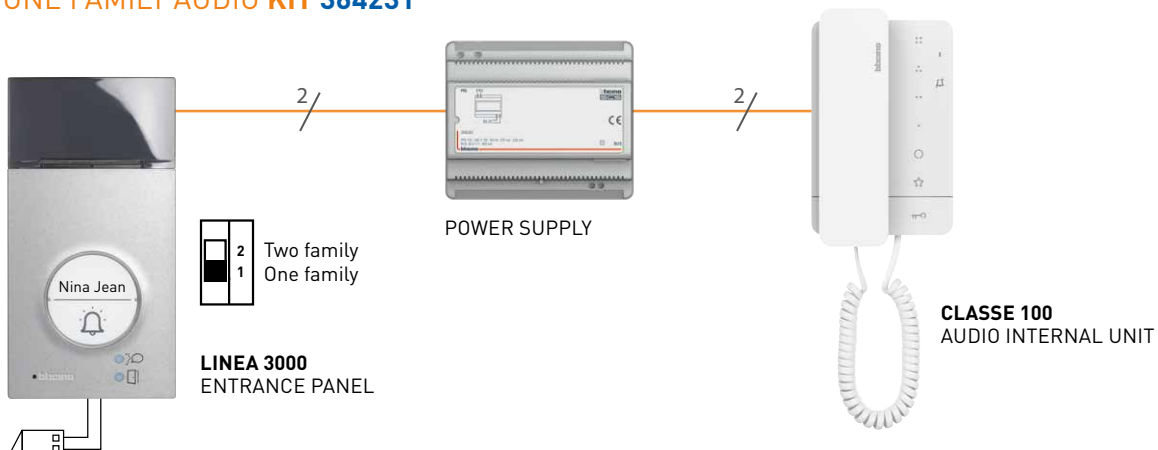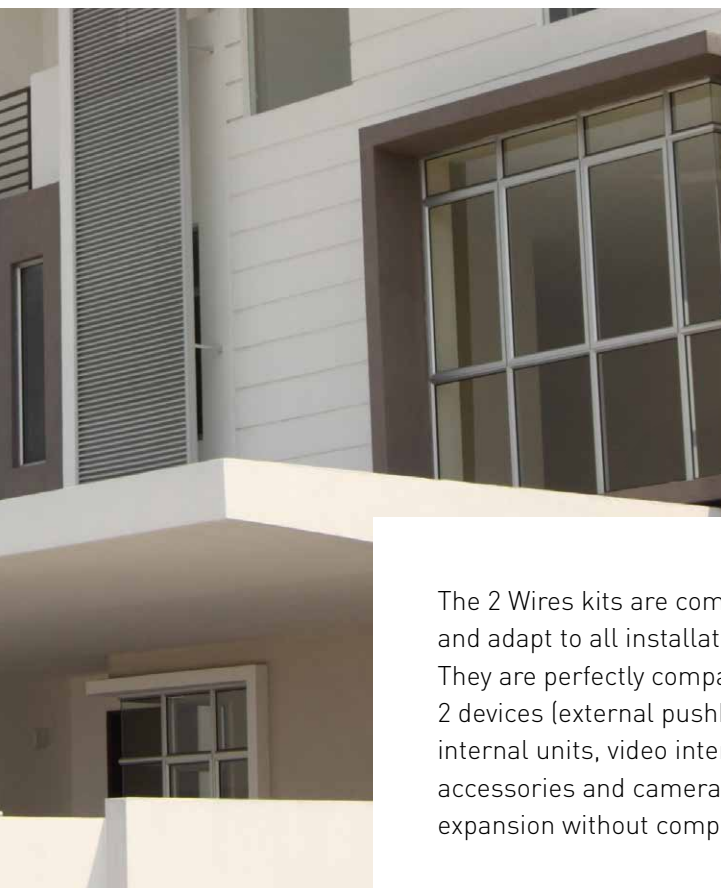
VIDEO KIT

AUDIO KIT

The 2 Wires kits are completely expandable and adapt to all installation needs. They are perfectly compatible with the 2 devices (external pushbutton panels, internal units, video internal units, system accessories and cameras), allowing expansion without compromises.

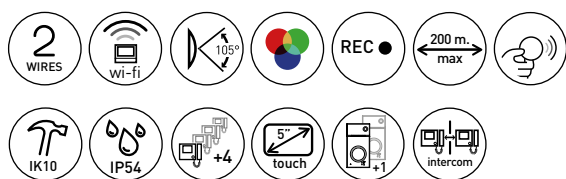## LINEA 3000 - Two family video Kit – installation example

TWO FAMILY HOUSE

ADDITIONAL INTERNAL UNIT **344672**

CLASSE 100 VIDEO INTERNAL UNIT

2
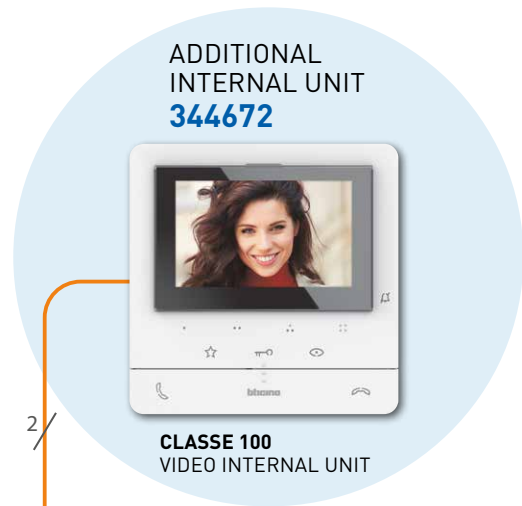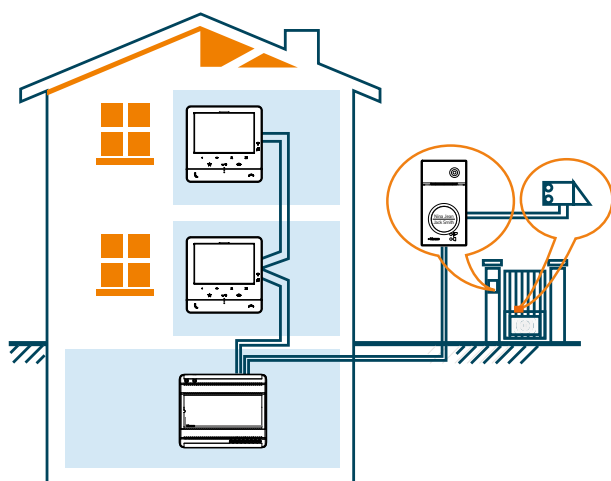
TWO FAMILY VIDEO **KIT 364612**
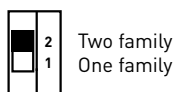
| 2 | Two family |
| 1 | One family |

LINEA 3000 ENTRANCE PANEL

Nina Jean
Jack Smith

POWER SUPPLY

PRI

2

2

CLASSE 100 VIDEO INTERNAL UNIT

2

VILLA CONNECTED VIDEO KITS

363950

2 WIRES	wi-fi	105°		REC ●	200 m. max	
IK10	IP54	+4	5" touch	+1	intercom	

Item	

CLASSE 300EOS - LINEA 3000 - Netatmo smart outdoor camera connected kit

One-family kit with Classe 300EOS handsfree connected video internal unit, LINEA 3000 pushbutton panel in black finish and Netatmo Smart Outdoor Camera.

2 wires/Wi-Fi handsfree connected video internal unit with Teleloop, built-in Amazon Alexa voice assistant, 5" vertical touch screen LCD display and video door entry answering machine. Easy interaction with the built-in Alexa voice assistant, either using the dedicated capacitive keys or with your voice, and activate several functions, such as the video door entry functions, Smart Home, scenarios, reminders etc. Thanks to the Wi-Fi connectivity, you can associate the video internal unit to the Home + Security App (available for Android and iOS). The App allows to use the main video internal unit functions (receiving calls, door lock release, display of the event timeline and activation of the entrance panel/camera cycling). With the Home + Security App, it is also possible to manage the products of Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The device also allows to create and manage Smart Home functions, using the wired SCS BUS solution or the Zigbee solution, without the need for adding dedicated gateways. LINEA 3000 pushbutton panel with black finish zamak front cover, wide angle colour camera and proximity reader and with a kit of coloured key cards and two clear discs for door lock release. Can be wall or flush installed with specific accessories: (350020) flush mounted box and (343063) flush mounted accessory - to be purchased separately. Can be fitted with rainshield (343053) - to be purchased separately. The pushbutton panel has a protection index IP54- protection index against mechanical impact IK10. Smart Outdoor Security Camera with LED lighting spotlight, night vision and motion detection – send real time notification on smartphone in case of unknown person or vehicle detection.

363950 **Complete one family kit**
(Easy switch to two families system by purchasing an additional internal unit - refer to 2 Wires system internal units range).
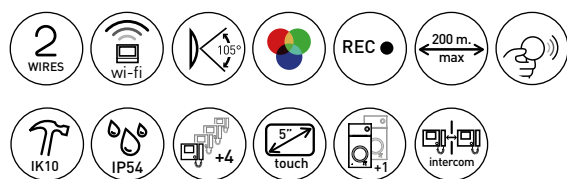

HOME + SECURITY is the App that allows, through the smartphone, to manage calls locally and remotely of the video door phone or with a simple touch to open the gate, the activation of the cameras, and switching on of the timed lights in the garden. Allows you to activate and view images of Netatmo Smart Outdoor and Indoor Cameras. Setting up the App requires a few steps and thanks to the BTicino Cloud, the remote connection is fully automated and managed with the highest level of security.

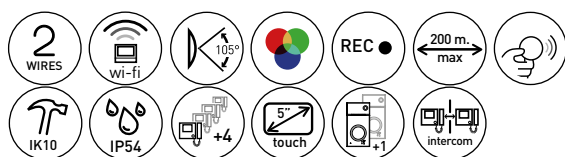| Item	Kit composition	Qty
343093	LINEA 3000 pushbutton panel	1
344842	CLASSE 300EOS video internal unit	1
NOC-PRO	Smart Outdoor Camera	1
346050	6 DIN SCS power supply	1
346250	Door lock relay accessory	1
348260	Set of coloured door lock release key cards	1
348261	Set of door lock release clear discs	1

363915

alexa | built-in

H + S

2 WIRES · wi-fi · 105° · (colour) · REC ● · 200 m. max · (voice)

IK10 · IP54 · +4 · 5" touch · +1 · intercom

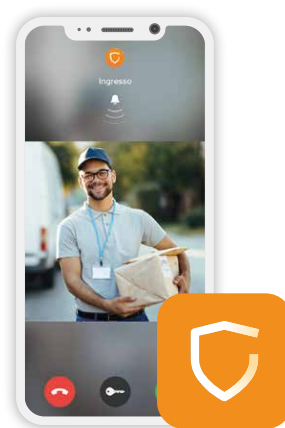| Item	CLASSE 300EOS WITH NETATMO – LINEA 3000 connected video kit

CLASSE 300EOS WITH NETATMO – LINEA 3000 connected video kit

One family handsfree kit with Classe 300EOS with Netatmo handsfree connected video internal unit and LINEA 3000 pushbutton panel in black finish. 2 wires/Wi Fi handsfree connected video internal unit with built in Amazon Alexa voice assistant, 5" vertical touch screen LCD display and video door entry answering machine. It is possible to easily interact with the built in Alexa voice assistant, either using the dedicated capacitive keys or with your voice, and activate several functions, such as the video door entry functions, Smart Home, scenarios, reminders etc. Thanks to the Wi Fi connectivity, you can associate the video internal unit to the Home + Security App (available for Android and iOS). The App allows to use the main video internal unit functions (receiving calls, door lock release, display of the event timeline and activation of the entrance panel/camera cycling). With the Home + Security App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The device also allows to create and manage MyHOME functions, using the wired SCS BUS solution. LINEA 3000 pushbutton panel with black finish zamak front cover, wide angle colour camera and proximity reader and with a kit of coloured key cards and two clear discs for door lock release. Can be wall or flush installed with specific accessories: (350020) flush mounted box and (343063) flush mounted accessory to be purchased separately. Can be fitted with rainshield (343053) to be purchased separately. The pushbutton panel has a protection index IP54 protection index against mechanical impact IK10.

363915 **Complete one family kit**
(Easy switch to two families system by purchasing an additional internal unit - refer to 2 Wires system internal units range).

Download on the **App Store**

GET IT ON **Google Play**

HOME + SECURITY is the App that allows, through the smartphone, to manage calls locally and remotely of the video door phone or with a simple touch to open the gate, the activation of the cameras, and switching on of the timed lights in the garden. Allows you to activate and view images of Netatmo Smart Outdoor and Indoor Cameras. Setting up the App requires a few steps and thanks to the BTicino Cloud, the remote connection is fully automated and managed with the highest level of security.

Item	Kit composition	Qty
343093	LINEA 3000 pushbutton panel	1
344842	CLASSE 300EOS video internal unit (white finish)	1
346050	6 DIN SCS power supply	1
346250	Door lock relay accessory	1
348260	Set of coloured door lock release key cards	1
348261	Set of door lock release clear discs	1

VILLA CONNECTED VIDEO KITS

363926

344884

alexa | built-in

H + S

2 WIRES

wi-fi

105°

REC ●

200 m. max

IK10

IP54

+4

5" touch

+1

intercom

Item		
	CLASSE 300EOS WITH NETATMO- LINEA 3000 - Connected video Kit	

One-family handsfree kit with Classe 300EOS with Netatmo handsfree connected video internal unit and LINEA 3000 pushbutton panel in black finish. 2 wires/Wi-Fi handsfree connected video internal unit with built-in Amazon Alexa voice assistant, 5" vertical touch screen LCD display and video door entry answering machine. It is possible to easily interact with the built-in Alexa voice assistant, either using the dedicated capacitive keys or with your voice, and activate several functions, such as the video door entry functions, Smart Home, scenarios, reminders etc. Thanks to the Wi-Fi connectivity, you can associate the video internal unit to the Home + Security App (available for Android and iOS). The App allows to use the main video internal unit functions (receiving calls, door lock release, display of the event timeline and activation of the entrance panel/camera cycling). With the Home + Security App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The device also allows to create and manage MyHOME functions, using the wired SCS BUS solution. LINEA 3000 pushbutton panel with black finish zamak front cover, wide angle colour camera and proximity reader and with a kit of coloured key cards and two clear discs for door lock release. Can be wall or flush installed with specific accessories: (350020) flush mounted box and (343063) flush mounted accessory - to be purchased separately. Can be fitted with rainshield (343053) - to be purchased separately. The pushbutton panel has a protection index IP54- protection index against mechanical impact IK10.

363926 **Complete one family kit**
(Easy switch to two families system by purchasing an additional internal unit - refer to 2 Wires system internal units range).

Download on the App Store

GET IT ON Google Play

HOME + SECURITY is the App that allows, through the smartphone, to manage calls locally and remotely of the video door phone or with a simple touch to open the gate, the activation of the cameras, and switching on of the timed lights in the garden. Allows you to activate and view images of Netatmo Smart Outdoor and Indoor Cameras. Setting up the App requires a few steps and thanks to the BTicino Cloud, the remote connection is fully automated and managed with the highest level of security.

Item	Kit composition	Qty
343093	LINEA 3000 pushbutton panel	1
344884	CLASSE 300EOS video internal unit (black finish)	1
346050	6 DIN SCS power supply	1
346250	Door lock relay accessory	1
348260	Set of coloured door lock release key cards	1
348261	Set of door lock release clear discs	1

alexa | built-in

H + S

364614

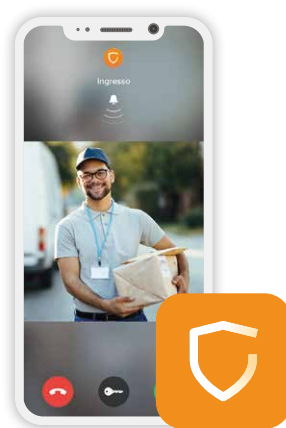| 2 WIRES			wi-fi	IK10	IP54
105°	200 m. max	5"	intercom	+1	+4	T
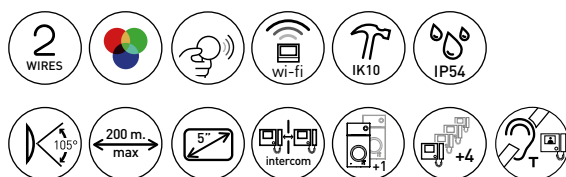
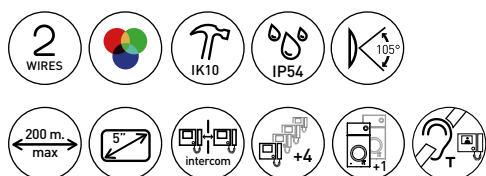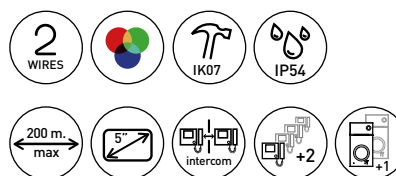| Item	**CLASSE 100X16E - LINEA 3000 connected video kit**
	One-family handsfree kit with: Classe 100X16E with Netatmo Wifi video internal unit, handsfree function, inductive loop, 5" LCD display; LINEA 3000 pushbutton panel with zamak front cover, wide angle colour camera, proximity reader and with a set of coloured key cards and two clear discs for door lock release. Can be configured for one-family and two-family installations. Nameplate lit by white LED. Can be wall or flush installed with specific accessories: (350020) flush mounted box and (343061) flush mounted accessory - to be purchased separately. Can be fitted with rainshield (343051)- to be purchased separately. The pushbutton panel has a protection index IP54- protection index against mechanical impact IK10. The video internal unit has 4.3" colour LCD display and Inductive Loop function (to enable use by people wearing hearing aids fitted with T selector). It also has 3 touch keys for the control of the main functions – door lock release, staircase light control and entrance panel activation/scrolling – there are further 4 configurable touch keys that perform different functions – e.g. staircase light control, intercom, additional door lock activation, generic activations. It has a side lever to adjust: colour, brightness and display contrast, audio volume, call tone volume and Wi-Fi configuration. There are call exclusion notification LEDs and Wifi. Also, thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS). Through the Home + Security App it is also possible to manage the products of Netatmo security offer (Outdoor and Indoor cameras, door and window sensors, internal siren and smoke detector). The installation can be made to the wall using the bracket supplied or using table support accessories (2 x 344692) – to be purchased separately. The device, also equipped with the professional studio (office) function, must be configured.
364614	**Complete one family kit**
	(Easy switch to two families system by purchasing an additional internal unit - refer to 2 Wires system internal units range).

HOME + SECURITY is the App that allows, through the smartphone, to manage calls locally and remotely of the video door phone or with a simple touch to open the gate, the activation of the cameras, and switching on of the timed lights in the garden. Allows you to activate and view images of Netatmo Smart Outdoor and Indoor Cameras. Setting up the App requires a few steps and thanks to the BTicino Cloud, the remote connection is fully automated and managed with the highest level of security.

Item	Kit composition	Qty
343093	LINEA 3000 pushbutton panel	1
344682	CLASSE 100X16E video internal unit	1
346050	6 DIN SCS power supply	1
346250	Door lock relay accessory	1
348260	Set of coloured door lock release key cards	1
348261	Set of door lock release clear discs	1

VILLA VIDEO KITS

364612

Item	CLASSE 100V16E - LINEA 3000 video kit
	One-family handsfree kit with CLASSE 100V16E video indoor unit and LINEA 3000 pushbutton panel with zamak front cover and wide angle colour camera. Can be configured for one-family or two-family installations. Nameplate lit by white LED. Can be wall or flush installed with specific accessories: (350020) flush mounted box with (343061) flush mounted accessory - to be purchased separately. Can be fitted with rainshield (343051) – to be purchased separately. The pushbutton panel has a protection index IP54 - protection index against mechanical impact IK10. The video indoor unit has 5" LCD display and Inductive Loop function (to enable use by people wearing hearing aids fitted with T selector). It has 2 physical keys for the control of the main functions – answer and end a call – and has 3 touch keys for the control of the main functions – door lock release, staircase light control and entrance panel activation/scrolling – there are further 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations. Wall mounted installation with the bracket supplied or table installation with support accessories (2 x 344692) - to be purchased separately. The device also has Professional Studio (Office) function and must be configured.
364612	**Complete one family kit** (Easy switch to two families system by purchasing an additional internal unit - refer to 2 Wires system internal units range).

Item	Kit composition	Qty
343081	LINEA 3000 Entrance panel	1
344672	CLASSE 100V16E Video internal unit	1
346050	6 DIN System power supply	1
346250	Relay module accessory	1

PROFESSIONAL SOLUTIONS

364613

364622

2 WIRES		IK07	IP54

200 m. max	5"	intercom	+4	+1

2 WIRES		IK07	IP54

200 m. max	5"	intercom	+2	+1

Item	**CLASSE 100V16E - LINEA 2000 video kit**
364613	One-family handsfree video kit consisting of: CLASSE 100V16B video indoor unit, LINEA 2000 pushbutton panel with colour camera and 1 call pushbutton. The push-button panel has a protection index against mechanical impact IK07 and protection index IP54. The video indoor unit has 2 physical keys for the control of the main video door entry functions – answer and end a call – and 3 touch keys that allow the door lock release, the entrance panel activation/scrolling and the customization of a most frequently used quick action – e.g. staircase light control, intercom, additional door lock activation, generic activations. The video indoor unit has a 5" colour LCD display and a side lever to adjust: colour, brightness and display contrast, audio and call tone volume. There is a call exclusion notification LED. Wall mounted installation with the bracket supplied or table installation with support accessories (2 x 344692) - to be purchased separately.

Item	**CLASSE 100V16B - LINEA 2000 video kit**
364622	Two-families handsfree video kit consisting of: CLASSE 100V16B video indoor units, LINEA 2000 pushbutton panel with colour camera and 2 call pushbuttons. The push-button panel has a protection index against mechanical impact IK07 and protection index IP54. The video indoor units has 2 physical keys for the control of the main video door entry functions – answer and end a call – and 3 touch keys that allow the door lock release, the entrance panel activation/scrolling and the customization of a most frequently used quick action – e.g. staircase light control, intercom, additional door lock activation, generic activations. The video indoor units has a 5" colour LCD display and a side lever to adjust: colour, brightness and display contrast, audio and call tone volume. There is a call exclusion notification LED. Wall mounted installation with the bracket supplied or table installation with support accessories (2 x 344692) - to be purchased separately.

Item	Kit composition	Qty
343031	LINEA 2000 Entrance panel - 1 CALL	1
344652	CLASSE 100V16B Video internal unit	1
346050	6 DIN System power supply	1
346250	Relay module accessory	1

Item	Kit composition	Qty
343032	LINEA 2000 Entrance panel - 2 CALLS	1
344652	CLASSE 100V16B Video internal unit	2
346050	6 DIN System power supply	1
346250	Relay module accessory	1

364232

364231

Item		Qty
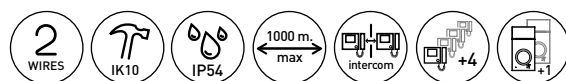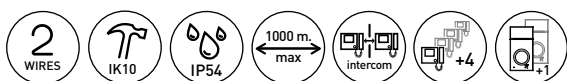
CLASSE 100A16E - LINEA 3000 hands free audio kit

364232 One-family handsfree kit with CLASSE 100A16E audio indoor unit and LINEA 3000 pushbutton panel with zamak front cover. Can be configured for one-family or two-family installations. Nameplate lit by white LED. Can be wall or flush installed with specific accessories: (350020) flush mounted box with (343061) flush mounted accessory - to be purchased separately. Can be fitted with rainshield (343051) – to be purchased separately. The pushbutton panel has a protection index IP54 – protection index against mechanical impact IK10. The indoor unit has 2 physical keys for the control of the main door entry functions – answer and end a call – and has 3 touch keys for the control of the main functions – door lock release, staircase light control and entrance panel activation/scrolling – there are further 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations. Ringtone volume adjustment (with call exclusion) using the appropriate selector. The installation can be made to the wall using the bracket supplied or using table support accessory (1 x 344692) – to be purchased separately. The device also has Professional Studio (Office) function and must be configured.

CLASSE 100A16M - LINEA 3000 AUDIO kit with hand set

364231 One-family audio kit with CLASSE 100A16M audio indoor unit and LINEA 3000 pushbutton panel with zamak front cover. Can be configured for one-family or two-family installations. Nameplate lit by white LED. Can be wall or flush installed with specific accessories: (350020) flush mounted box with (343061) flush mounted accessory – to be purchased separately. Can be fitted with rainshield (343051) – to be purchased separately. The pushbutton panel has a protection index IP54 – protection index against mechanical impact IK10. The audio indoor unit has 3 touch keys for the control of the main functions – door lock release, staircase light control and entrance panel activation/scrolling – there are further 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations. Ringtone volume adjustment (with call exclusion) using the appropriate selector. The installation can be made to the wall using the bracket supplied or using table support accessory (1 x 344692) – to be purchased separately.
The device also has Professional Studio (Office) function and must be configured.

Item	Kit composition	Qty
343071	LINEA 3000 Audio entrance panel	1
344282	CLASSE 100A16E Audio internal unit	1
346040	6 DIN System power supply	1

Item	Kit composition	Qty
343071	LINEA 3000 Audio entrance panel	1
344292	CLASSE 100A16M Audio internal unit	1
346040	6 DIN System power supply	1

366811

366821

| 2 WIRES | IK07 | IP54 | 1000 m. max | +4 |

SPRINT L2 – LINEA 2000 AUDIO handset audio kit

Item	
	Audio kit with audio handset SPRINT L2 and LINEA 2000 pushbutton panel. 2 WIRE technology. The audio handset has a door lock release pushbutton and a pushbutton that can be configured for auxiliary functions (staircase light switching on, entrance panel activation, call to the switchboard). Devices suitable for wall mounted installation. Expandable with additional audio handset 344242.
366811	Complete one-family kit
366821	Complete two-family kit

Item	Kit composition	366811	366821
		Qty	Qty
342911	LINEA 2000 Entrance panel - 1 CALL	1	-
342921	LINEA 2000 Entrance panel - 2 CALLS	-	1
344232	SPRINT L2 audio handset	1	2
346040	6 DIN System power supply	1	1

364211

Audio handsfree - LINEA 2000

Item	
364211	One-family expandable audio kit with audio handsfree internal unit and LINEA 2000 pushbutton panel. The audio internal unit can manage with (1 – 2) pushbuttons on board two independent contacts (24 Vac/dc – 1 A max.) Entrance panel and internal unit are suitable for wall mounted installation. Expansion possibility using the specific additional handsfree internal unit 331650

Item	Kit composition	Qty
342911	LINEA 2000 Entrance panel - 1 CALL	1
331650	Audio handsfree internal unit	1
346040	6 DIN System power supply	1

363211

Item	
	SPRINT - LINEA 2000 AUDIO KIT handset audio kit
	Kit with SPRINT handset and LINEA 2000 pushbutton panel, aluminium finish. Devices suitable for wall mounted installation.
363211	Complete one-family kit
363221	Complete two-family kit

Item	Kit composition	363211	363221
		Qty	Qty
-	LINEA 2000 Entrance panel - 1 CALL	1	-
-	LINEA 2000 Entrance panel - 2 CALLS	-	1
334202	SPRINT Audio handset	1	2
336000	6 DIN System power supply	1	1
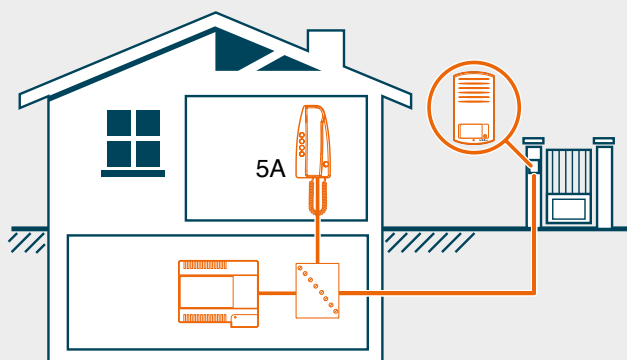
ONE FAMILY AUDIO SYSTEM
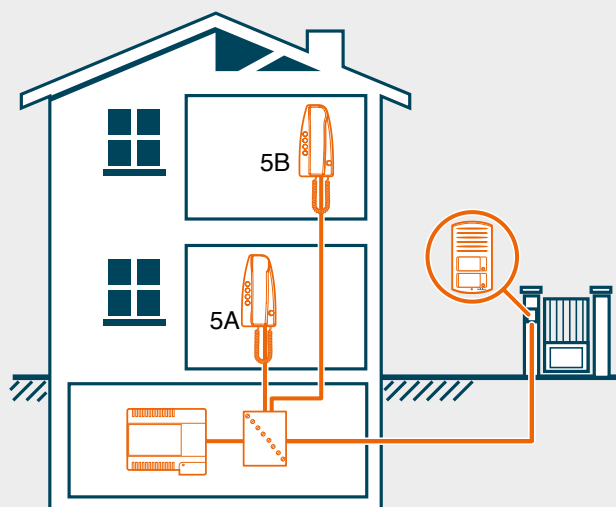
TWO FAMILIES AUDIO SYSTEM

363811

SPRINT - LINEA 2000 AUDIO handset kit

Item	
363811	One-family kit with SPRINT handset and LINEA 2000 pushbutton panel. Analogue technology with 2 wire connection. Devices suitable for wall mounted installation. Expansion possibility using the specific additional handset 331550

Item	Kit composition	Qty
-	LINEA 2000 Entrance panel	1
-	SPRINT audio handset	1
336842	2 DIN Transformer	1
	Accessories	
331550	Specific additional audio handset	

OLD BELL SYSTEM

230V~

NEW AUDIO SYSTEM

230V~

1 2 3 4 T 6

1 4P 3 4 T 6   331550

1 4P 3 4 T 6   331550

1 4P 3 4 T 6   331550

1 4P 3 4 T 6   331550

230V~

3
4
7
8

363811

12V
max 1,2A
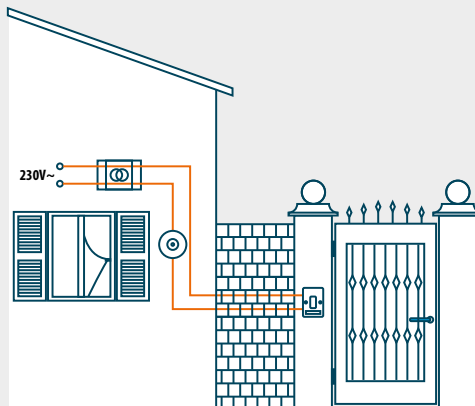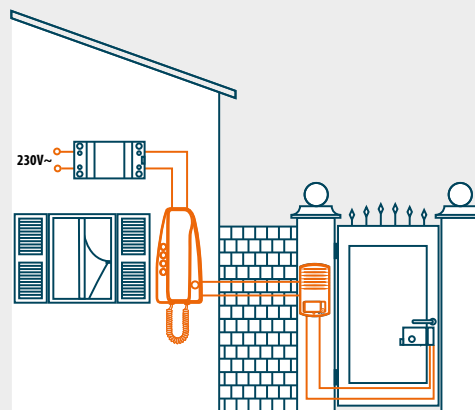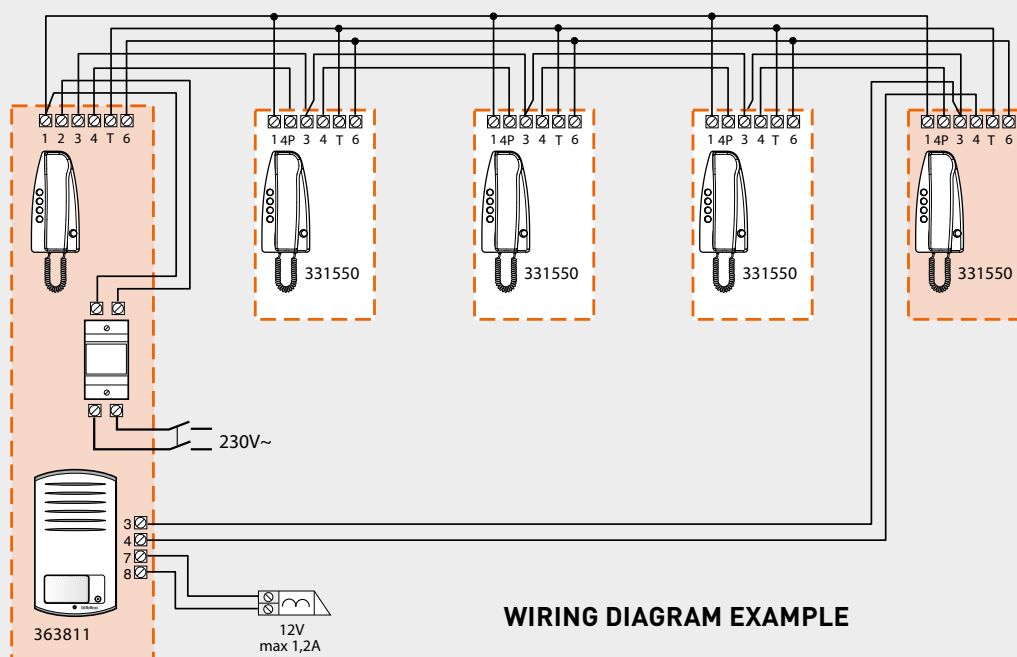
WIRING DIAGRAM EXAMPLE

2 WIRES SYSTEM

The easiest system offer

The **2 WIRES SYSTEM** is the best technology for those cases when **time saving** and **ease of installation** are crucial. Thanks to the non polarized 2 wires system it is in fact possible to install, with the same ease, all kinds of systems, from those for single villas to those for apartment complexes.

This technology is particulary suitable, for example, for:

SMALL AND MEDIUM SIZE SYSTEM

THE VILLA

THE APARTMENT

RENOVATIONS

The possibility of using existing cables makes it the ideal solution when refurbishing systems.

Remove the old entrance panel being replaced.

Use the two cables already present to connect the new entrance panel.

In addition to the extreme simplicity, the system offers **VERY GOOD PERFORMANCE**

SYSTEM MAIN FEATURES		
	3900	Apartments
	3900	Apartment video entrance panels
	39	Risers with indepedent sound mode
	5	Handsets per apartment
	600 m	Distance between entrance panel and farthest internal unit

RISER

2 non-polarized wires for all the system
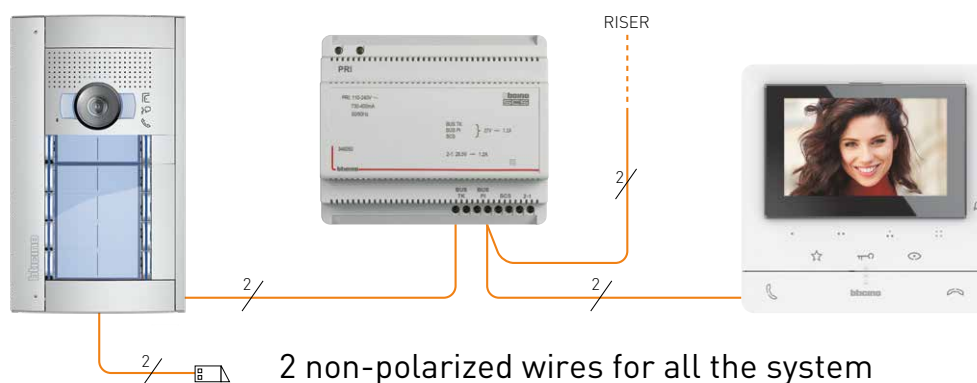
THE 2 WIRES SYSTEM

offers a wide range of entrance panels and internal units, to meet all the customer needs.

THE SYSTEM COMPOSITION

2 WIRES

■ Thanks to the use of accessory devices, additional door locks can be **activated and/or lights switched on.**

A few accessory devices are needed to make the **2-WIRE systems**, as well as the entrance panels and the internal units and/or video internal units.

AUDIO DOOR ENTRY SYSTEM

2

AUDIO INTERNAL UNIT

2

AUDIO INTERNAL UNIT

2

2

ENTRANCE PANEL

POWER SUPPLY
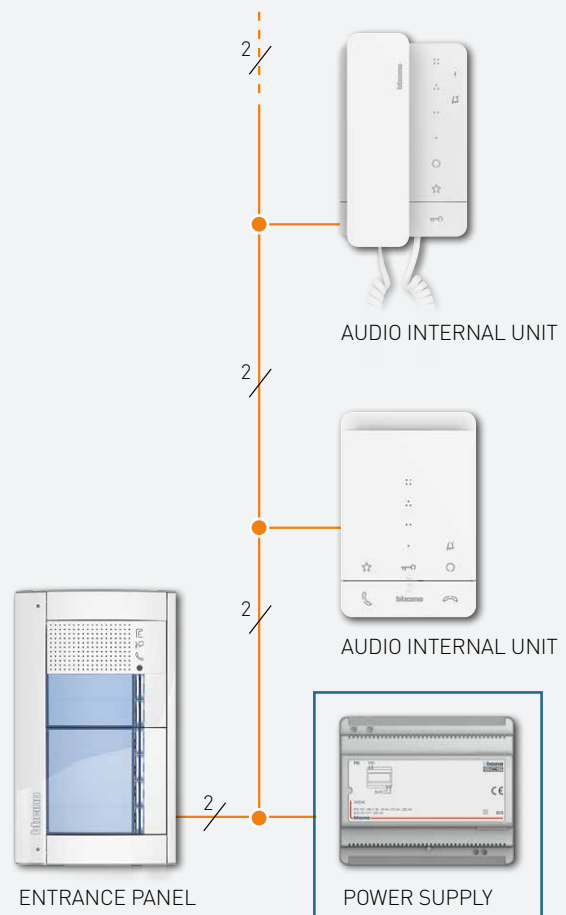
- In apartment-block systems the switchboard can be used for **the management and centralised supervision** of the apartment-block services.
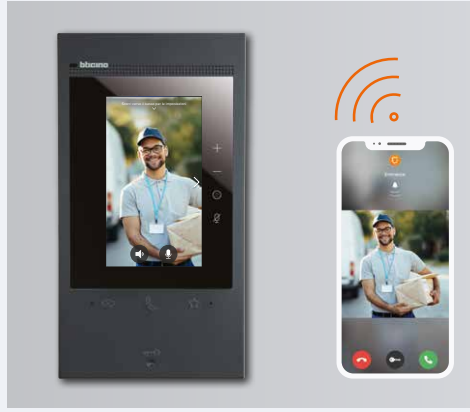
- In systems with Classe 300EOS / Classe 100X16E connected internal units, you can **manage your door entry system calls and functions with your smartphone** thanks to the dedicated Home + Security App and with you voice (C300EOS only).

VIDEO DOOR ENTRY SYSTEM

2

VIDEO INTERNAL UNIT

2

VIDEO INTERNAL UNIT

VIDEO INTERNAL UNIT

2

ENTRANCE PANEL

2

POWER SUPPLY
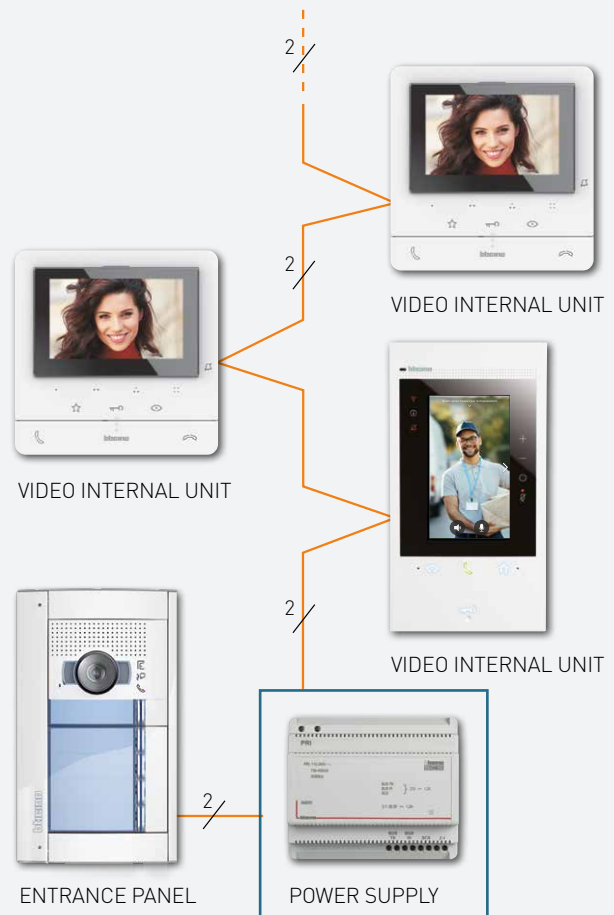
2 WIRES SYSTEM

ENTRANCE PANELS RANGE

—> LINEA SFERA

—> LINEA 3000

—> LINEA 2000

—> LINEA 100

—> LINEA 300

bticino

LINEA 3000

LINEA 2000

LINEA 300

LINEA 100

SFERA NEW

SFERA ROBUR

	Linea Sfera New	Linea Sfera Robur	Linea 3000
Audio	●	●	●
Colour video	●	●	●
Finishes / Colours	Allmetal Allwhite Allstreet	Zamak Robur	Zamak grey Zamak black
Wall mounted installation	●	●	●
Flush mounted installation	●	●	●
Pushbutton call	●	●	●
Digital call	●	●	
Wide angle camera (1)	●	●	●
Night & Day camera (2)	●	●	
Control speech synthesis (3)	●	●	
Door lock release with keypad	●	●	
Door lock release with key card	●	●	●
Rainshield	●	●	●
Vandal proof			
Protection index	IP54	IP54	IP54
Sturdiness index	Up to IK08	IK10	IK10
Max. number of calls	100 with pushbuttons 4000 with digital call	100 with pushbuttons 4000 with digital call	2

(1) Horizontal and vertical wide viewing field. Easy to use for children and differently-abled people.
(2) Night lighting thanks to the IR LED with automatic IR filter. Sharp, perfect images even in limited light conditions.
(3) Inductive loop and control speech synthesis. Use by people wearing hearing aids. Easy to use for visually impaired people.

Linea 2000	Linea 300	Linea 100
Aluminium	Stainless Steel Aluminium	Stainless Steel
IP54	IP54	IP44
IK07	IK07	IK08
2 (up to 4 calls - audio version only)	32 with pushbuttons 4000 with digital call	8 with pushbuttons 4000 with digital call

TWO STYLES ONE ELECTRONIC HEART

2-wires simplicity, maximum performance

Exceptional audio and video performance as well as fast and simple installation can be achieved with 2-wires technology.

- Up to 4000 dwellings
- 20 handsets per dwelling
- Up to 96 video entrance panels
- Operable range of 600 m between entrance panel and internal unit

SFERA **ROBUR**

SFERA **NEW**

2 WIRES SYSTEM
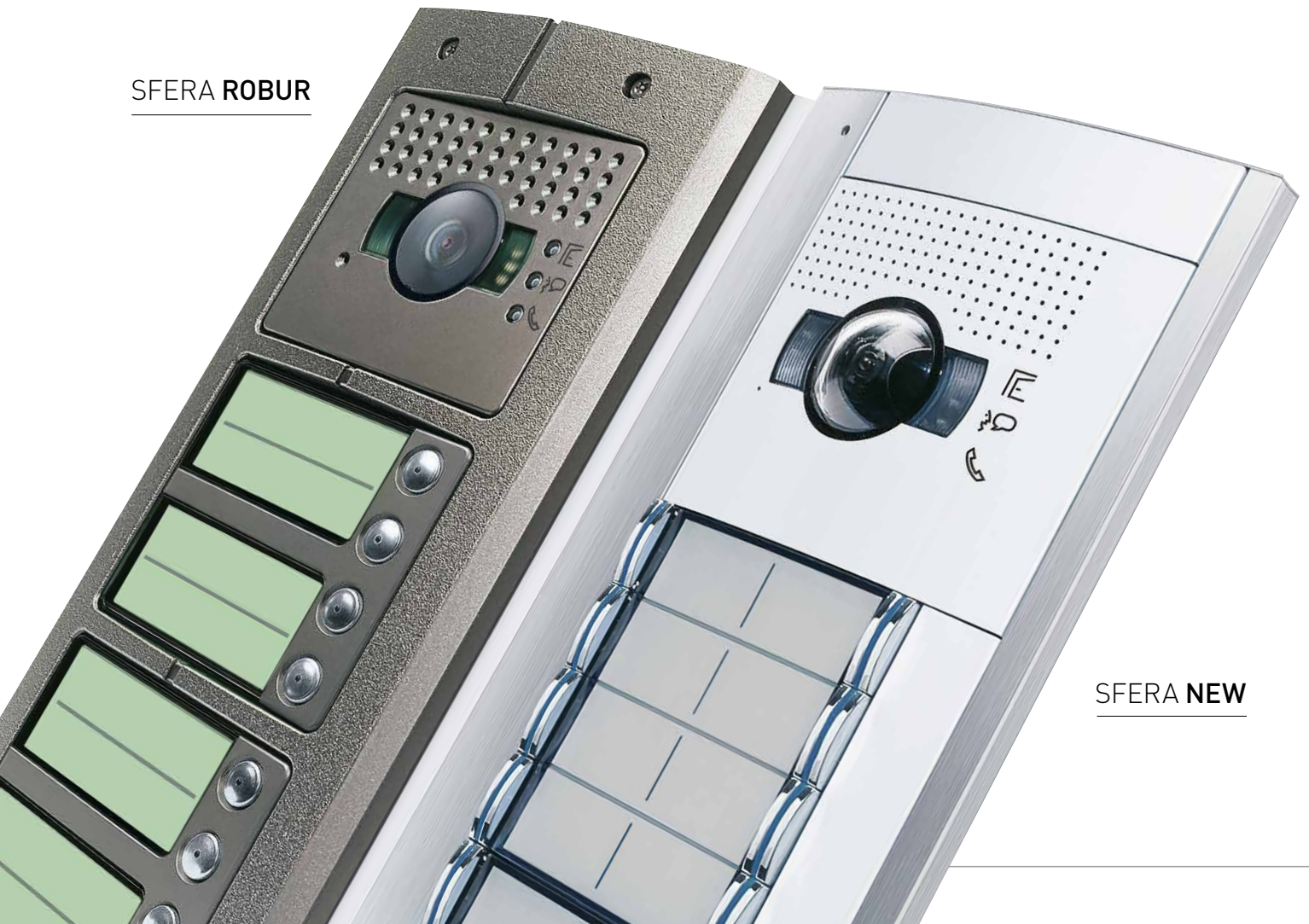
2 DESIGNS

SFERA NEW

A modern and sleek design suitable for residential and commercial developments.

Audio or video pushbutton entrance panel

Call from address book

SFERA ROBUR

Sturdy materials and optional flush-mounting boxes providing increased safety and preventing removal of the device.

Audio or video pushbutton entrance panel

Digital call

12 FUNCTIONS

TRADITIONAL

Basic speaker module

Speaker module

Audio/video module

4 push-buttons module

8 push-buttons module

Nameplate module

Graphic display module

ADVANCED

Audio/video wide-angle camera module

Night/day wide-angle camera module

Inductive loop and control speech synthesis module

DOOR LOCK RELEASE

Keypad module

Badge reader module
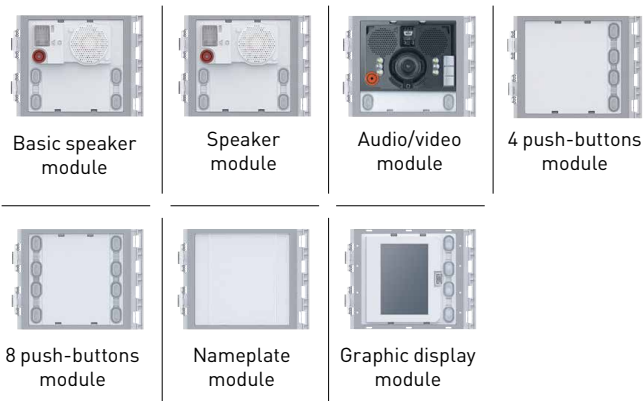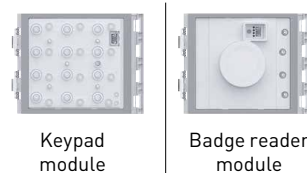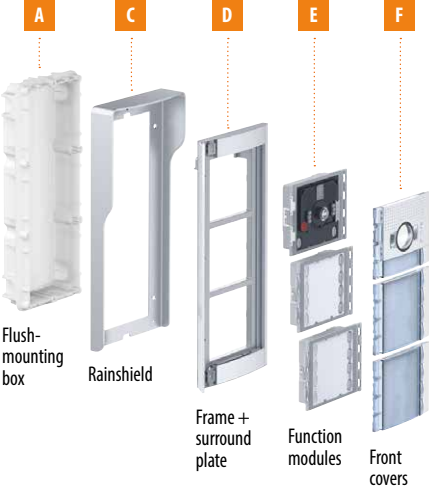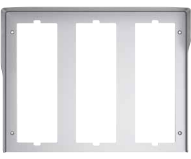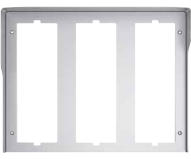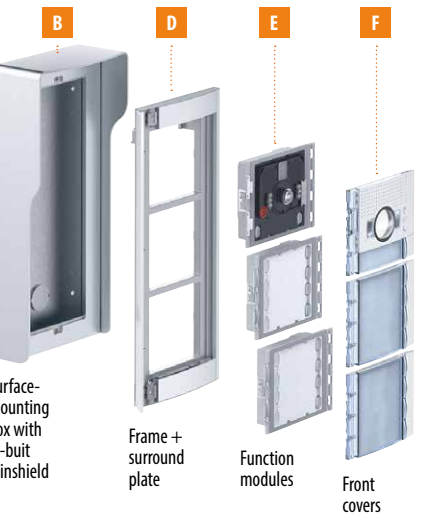
SFERA NEW
Examples to select parts of the system

Finishes	Installation type					Flush-mounting boxes		Rainshields (optional)		Frames/plates	
	FLUSH-MOUNTING INSTALLATION					Cat.Nos	Pack	Cat.Nos	Pack	Cat.Nos	Pack
	A	C	D	E	F	A		C		D	
ALLMETAL (SILVER) **1**	Flush-mounting box	Rainshield	Frame + surround plate	Function modules	Front covers	350010 1 module	1	35051.. 1 module / 35054.. 4 modules	1	35021.. 1 module	1
						350020 2 modules	1	35052.. 2 modules / 352500 6 modules	1	35022.. 2 modules	1
ALLWHITE (WHITE) **2**						350030 3 modules	1	35053.. 3 modules / 35059.. 9 modules	1	35023.. 3 modules	1

	Installation type				Surface-mounting boxes		Frames/plates	
	SURFACE-MOUNTING INSTALLATION				Cat.Nos	Pack	Cat.Nos	Pack
	B	D	E	F	B		D	
ALLSTREET (GREY) **3**	Surface-mounting box with in-buit rainshield	Frame + surround plate	Function modules	Front covers	35061.. 1 module / 35064.. 4 modules	1	35021.. 1 module	1
					35062.. 2 modules / 35066.. 6 modules	1	35022.. 2 modules	1
					35063.. 3 modules / 35069.. 9 modules	1	35023.. 3 modules	1

CHOOSE YOUR FINISH: Replace the dots in the Cat. No. with either 1, 2, or 3 to select the desired finish

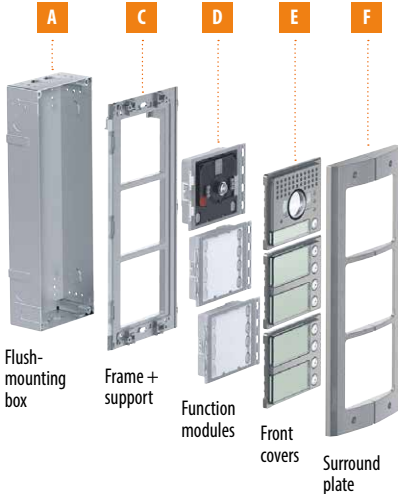| Digital function modules			Front covers	
Cat.Nos	Pack	**F** Audio front covers		Pack
351000 Basic speaker module (FOR AUDIO SYSTEMS ONLY)	1	**35100..** Basic speaker module	**35101..** Basic speaker module 1 push-button	**35102..** Basic speaker module 2 push-buttons	**35104..** Basic speaker module 2 push-buttons/double row	**35108..** Basic speaker module 4 push-buttons/double row	1
351100 Speaker module	1	**35110..** Speaker module	**35111..** Speaker module 1 push-button	**35112..** Speaker module 2 push-buttons	**35114..** Speaker module 2 push-buttons/double row	**35118..** Speaker module 4 push-buttons/double row	1
352000 4 push-buttons/ single row	1	**35203..** 3 push-buttons	**35204..** 4 push-buttons	**352011** 1 push-button	**352021** 2 push-buttons	1
352100 8 push-buttons/ double row	1	**35216..** 6 push-buttons/double row	**35218..** 8 push-buttons/double row	**352121** 2 push-buttons/double row	**352141** 4 push-buttons/double row	1

Speakers

Cat.Nos	Pack	Front covers Cat.Nos	Pack
E		**F** Audio front covers	
351000 Basic speaker module (FOR AUDIO SYSTEMS ONLY)	1	**35100..** Basic speaker module — **35101..** Basic speaker module 1 push-button — **35102..** Basic speaker module 2 push-buttons — **35104..** Basic speaker module 2 push-buttons/double row — **35108..** Basic speaker module 4 push-buttons/double row	1
351100 Speaker module	1	**35110..** Speaker module — **35111..** Speaker module 1 push-button — **35112..** Speaker module 2 push-buttons — **35114..** Speaker module 2 push-buttons/double row — **35118..** Speaker module 4 push-buttons/double row	1

Push-buttons

Cat.Nos	Pack	Front covers Cat.Nos	Pack
352000 4 push-buttons/ single row	1	**35203..** 3 push-buttons — **35204..** 4 push-buttons — **352011** 1 push-button — **352021** 2 push-buttons	1
352100 8 push-buttons/ double row	1	**35216..** 6 push-buttons/double row — **35218..** 8 push-buttons/double row — **352121** 2 push-buttons/double row — **352141** 4 push-buttons/double row	1

Cameras

Cat.Nos	Pack	**E** / **F** Video front covers	Pack
351200 Audio/video	1	**35120..** Audio/video — **35121..** Audio/video 1 push-button — **35122..** Audio/video 2 push-buttons/double row	1
351300 Audio/video with wide angle camera	1	**35130..** Audio/video wide angle — **35131..** Audio/video wide angle 1 push-button — **35132..** Audio/video wide angle 2 push-buttons / double row	**354000** Cable for the connection or several push-button modules L= 470 mm	1
352400 Night/day with wide angle camera	1	**35240..** Night/day with wide angle camera	1

Miscellaneous

Cat.Nos	Pack	**E** / **F** Miscellaneous front covers	Pack
352200 Name plate	1	**35220..** Name plate	1
352500 Graphic display	1	**35250..** Graphic display	1
352700 Inductive loop and control speech synthesis	1	**35270..** Inductive loop-speech synthesis	**35230..** Blanking reader	1
353200 Badge reader	1	**35320..** Badge reader	1
353000 Keypad	1	**35300..** Numeric keypad — **353011** Alphanumeric keypad	1

CHOOSE YOUR FINISH: Replace the dots in the Cat. No. with either 1, 2, or 3 to select the desired finish

SFERA ROBUR
Examples to select parts of the system

FLUSH-MOUNTING INSTALLATION

Finishes	Installation type		Flush-mounting boxes		Support frames		Frames/plates	
	FLUSH-MOUNTING INSTALLATION		Cat.Nos	Pack	Cat.Nos	Pack	Cat.Nos	Pack
	A **C** **D** **E** **F**		**A**		**C**		**D**	
	Flush-mounting box / Frame + support / Function modules / Front covers / Surround plate		**350110** 1 module	1	**350315** 1 module	1	**350415** 1 module	1
VANDAL -RESISTANT (ROBUR)			**350120** 2 modules	1	**350325** 2 modules	1	**350425** 2 modules	1
			350130 3 modules	1	**350335** 3 modules	1	**350435** 3 modules	1

SURFACE-MOUNTING INSTALLATION

Installation type		Surface-mounting boxes		Support frames		Frames/plates	
SURFACE-MOUNTING INSTALLATION		Cat.Nos	Pack	Cat.Nos	Pack	Cat.Nos	Pack
B **C** **D** **E** **F**		**B** (*)		**C**		**D**	
Surface-mounting box with in-built rainshield / Frame + support / Function modules / Front covers / Surround plate		**35061..** 1 module / **35064..** 4 modules	1	**350315** 1 module	1	**350415** 1 module	1
		35062.. 2 modules / **35066..** 6 modules	1	**350325** 2 modules	1	**350425** 2 modules	1
		35063.. 3 modules / **35069..** 9 modules	1	**350335** 3 modules	1	**350435** 3 modules	1

(*) **CHOOSE YOUR FINISH:** Replace the dots in the Cat. No. with either 1, 2, or 3 to select the desired finish - Refer to SFERA NEW finishes.

Digital function modules			Front covers		
	Cat.Nos	Pack	Cat.Nos		Pack

Speakers

F Audio front covers

E **351000** Basic speaker module (FOR AUDIO SYSTEMS ONLY)	1	**351005** Basic speaker module	**351015** Basic speaker module 1 push-button	**351025** Basic speaker module 2 push-buttons	**351045** Basic speaker module 2 push-buttons/double row	**351085** Basic speaker module 4 push-buttons/double row	1

| **351100** Speaker module | 1 | **351105** Speaker module | **351115** Speaker module 1 push-button | **351125** Speaker module 2 push-buttons | **351145** Speaker module 2 push-buttons/double row | **351185** Speaker module 4 push-buttons/double row | 1 |

Push-buttons

352000 4 push-buttons/ single row	1	**352035** 3 push-buttons	**352045** 4 push-buttons	1

| **352100** 8 push-buttons/ double row | 1 | **352165** 6 push-buttons/double row | **352185** 8 push-buttons/double row | 1 |

E   **F** Video front covers

Cameras

351200 Audio/video	1	**351205** Audio/video	**351215** Audio/video 1 push-button	**351225** Audio/video 2 push-buttons / double row	1

| **351300** Audio/video with wide angle camera | 1 | **351305** Audio/video wide angle | **351315** Audio/video wide angle 1 push-button | **351325** Audio/video wide angle 2 push-buttons / double row | **354000** Cable for the connection or several push-button modules L= 470 mm | 1 |

| **352400** Night/day with wide angle camera | 1 | **352405** Night/day with wide angle camera | | | | 1 |

E   **F** Miscellaneous front covers

Miscellaneous

352200 Name plate	1	**352205** Name plate		1

| **352500** Graphic display | 1 | **352505** Graphic display | | 1 |

| **352700** Inductive loop and control speech synthesis | 1 | **352705** Inductive loop-speech synthesis | **352305** Blanking reader | 1 |

| **353200** Badge reader | 1 | **353205** Badge reader | | 1 |

| **353000** Keypad | 1 | **353005** Keypad | | 1 |

351000   351100   351200

351300   352000   352100   352200

Item

Electronic modules

351000 — **Basic speaker module** for the creation of 2 WIRE audio systems.
Fitted with loudspeaker and microphone volume adjustment. It manages up to 100 pushbutton calls using additional double row pushbuttons. It can be used for opening an eleactrical door lock directly connected to the S+ and S- clamps (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and the connection to a local door lock release pushbutton on the PL clamps. To be completed with surround plate.
The device must be physically configured.

351100 — **Speaker module** for the creation of 2 WIRE audio & video systems. Fitted with loudspeaker and microphone volume adjustment. It can manage up to 100 pushbutton calls when using additional double row pushbutton modules. It can be used for opening an electrical door lock directly connected to the S+ and S- clamps (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and the connection to a local door lock release pushbutton on the PL clamps. Preset for additional power supply. Fitted with front LEDs for the notification of the operating status: door lock release, communication active, call put through, and system busy. Integrated optic sensor for the switching on of the night backlighting. To be completed with surround plate. The device can be configured either physically or using the PC and the TiSferaDesign software.

351200 — **Audio video module** for the installation of 2 WIRE colour video systems. With Colour camera with 1/3" sensor and white LEDs for the lighting of the shooting field. Mist prevention heating resistance. Loudspeaker and Microphone volume adjustments. It can manage up to 98 pushbutton calls using the additional double row pushbutton modules. Horizontal and vertical camera position adjustment, +/- 10° in both directions. It offers the possibility of opening an electrical door lock directly connected to clamps S+ and S- (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and of connecting a local door lock release pushbutton on clamps PL. Preset for additional power supply. Fitted with front LEDs for the notification of the operating status: door lock release, communication active, call put through, and system busy. Integrated optic sensor for the switching on of the night backlighting. To be completed with surround plate. The device must be configured physically or using a PC and the TiSferaDesign software.

Item

Electronic modules

351300 — **Wide angle audio/video module** for the installation of 2 WIRE colour video systems.
With Colour camera with 1/3" sensor and white LEDs for the lighting of the shooting field. Mist prevention heating resistance. Loudspeaker and Microphone volume adjustments. It can manage up to 98 pushbutton calls using the additional double row pushbutton modules. It offers the possibility of opening an electrical door lock directly connected to clamps S+ and S- (18 V 4 A impulsive - 250 mA holding current 30 Ohm max) and of connecting a local door lock release pushbutton on clamps PL. Preset for additional power supply. Fitted with front LEDs for the notification of the operating status: door lock release, communication active, call put through, and system busy. Integrated optic sensor for the switching on of the night backlighting.
To be completed with surround plate. The device must be configured physically or using a PC and the TiSferaDesign software

352000 — **Additional 4-pushbutton modules arranged on single column.**
To be used with speaker modules 351000 - 351100 and audio/video modules 351200 - 351300. Connection using the appropriate multicable supplied. Backlighting of nameplates controlled by the speaker module or the audio/video module connected. To be completed with surround plate

352100 — **Additional 8-pushbutton modules arranged on double column.**
To be used with speaker modules 351000 – 351100 and audio/video modules 351200 - 351300. Connection using the appropriate multicable supplied. Backlighting of nameplates controlled by the speaker module or the audio/video module connected. To be completed with surround plate

352200 — **Nameplate module** normally used for displaying the house number or other notifications (e.g. Legend for calls using digital pushbutton panels, opening/closing times, etc.). Connection using the appropriate multicable supplied. Night backlighting controlled by the speaker module or the audio/video module connected. To be completed with surround plate

352400   352500   352700   353000   353200   346993

348200   348201   348202   348203   348204   348205   348206   348402

Item	**Electronic modules**
352400	**Night & Day and wide angle camera module** for the installation of colour video systems. Fitted with 1/3" sensor with N&D function and automatic removal of the IR filter. IR LED for the lighting of the field of view. Mist prevention heating resistance. Automatic brightness adjustment. Connection to the speaker module (351100) using the multicable supplied. To be completed with surround plate
352500	**Graphic display module** to be used with speaker module 351100 or with audio/video modules 351200 – 351300 (connection using the multicable supplied). It can operate in two modes: call from address book, or digital call. The call from the address book gives the possibility of sending the call by scrolling on the display the names associated to the residents. It is possible to store up to 4000 residents names. Using the keypad module item 353000 it is also possible to directly call the apartment by entering the number corresponding to the resident. The digital call is also performed using the keypad module item 353000 by entering the numerical code. It is recommended that one or more nameplate modules, item 352200, are installed at the side of the pushbutton panel to display the correspondence between the numerical codes and the names of the users. It is possible to program the names in the address book in two different ways: manual inclusion using the pushbuttons of the display module or inclusion using a PC with the TiSferaDesign software installed, by downloading the file to the display module (RECOMMENDED). System power supply cuts do NOT cause the loss of memory data. To be completed with surround plate
352700	**Inductive loop and control speech synthesis module** to be used with the 351100 speaker module or with audio/video modules 351200 - 351300. Enable use by people wearing hearing aids (fitted with T selector) or blind people thanks to the connection status voice message synthesis (call active, call ended, no answer, busy, door open). It is connected to the speaker module using the appropriate multicable supplied. To be completed with surround plate. The device can be configured either physically or using the PC and the TiSferaDesign software

Item	**Electronic modules**
353000	**Keypad module** for door lock release, or for the digital call of the apartment (to be used with the display module). It is fitted with relay with contacts (C – NC – NO) and clamps (CP- P1 – P2) for the connection of a local door lock release pushbutton. The numerical code for the opening of the door lock can be programmed using the keypad itself, or using a PC after downloading the module programming file. It also has a programming reset pushbutton and LEDS for the visual notification of the access status. Night backlighting with LEDs. To be completed with surround plate. It is connected to the other modules using the appropriate multicable supplied. The device may also be used as a stand alone unit with independent power supply and operation per la sola apertura serratura. Configuration performed using physical configurators, or a PC with the TiSferaDesign software installed
353200	**RFID badge reader module** for the release of the door lock by swiping the badge. It manages up to 20000 badges. It's fitted with relay contacts (C – NO - NC) and clamps (CP - P1 - P2) for the connection of a local door release pushbutton. The badge for the release of the door lock can be programmed from the module itself, or using a PC after downloading the module programming file. It also has a programming reset pushbutton and LEDS for the visual notification of the access status. Night backlighting a LEDs. To be completed with surround plate. It is connected to the other modules using the appropriate multicable supplied. The device may also be used as a stand alone unit with independent power supply and operation. Configuration performed using physical configurators, or a PC with the TiSferaDesign software installed
346993	**Expander pushbutton module** that gives the possibility of connecting call pushbuttons to the SFERA speaker modules (items 351000; 351100; 351200; 351300). Each module can manage up to 8 call pushbuttons. It is possible to connect several expander pushbutton modules (max 96 call pushbuttons for each Entrance Panel)

	Transponder keys and programmer
348200	Black transponder key
348201	Red transponder key
348202	Green transponder key
348203	Blue transponder key
348204	Orange transponder key
348205	Grey transponder key
348206	Yellow transponder key
348402	Table-top transponder key programmer

LINEA 3000

One entrance panel for every need

LINEA 3000 can be configured both for 1 and 2 family house

ONE
FAMILY HOUSE

- Write the name on the one family nameplate label (supplied with the product).
- Set the internal micro-switch on position 1.

Nina Jean

2
1
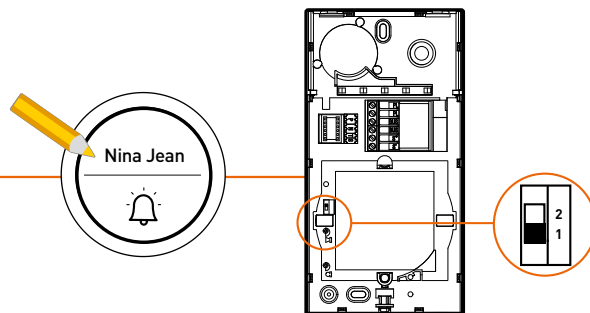
TWO
FAMILY HOUSE

- Replace the nameplate label with the two family one (supplied with the product).
- Write the names on the two family nameplate label
- Set the internal micro-switch on position 2.

Martin
Nina Jean

DeSmart
srl

2
1

BTICINO

2 WIRES SYSTEM
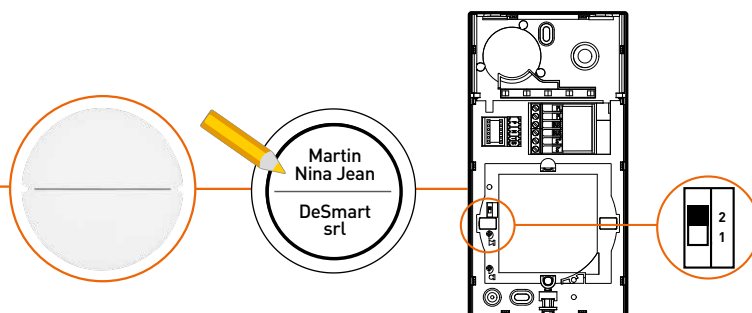
LINEA 3000 inside of the new professional kits

For **ONE FAMILY** house installation, you have to buy only the kit and all you need is inside it.

For **TWO FAMILY** house installation, you have to buy the kit + an additional 2 wires internal unit. (refer to 2 wires system internal units range).

High installation flexibilty

■ **LINEA 3000** is sold for wall mounting installation but with the dedicated **accessories** (to be purchased separately), you can use the entrance panel for **flush mounting installation**.

100 mm width
Suitable for **POLE INSTALLATION**

100 mm

350020 +
343061 (grey version)
343063 (black version)
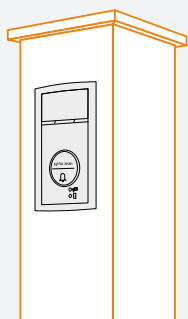
Also available in black version.
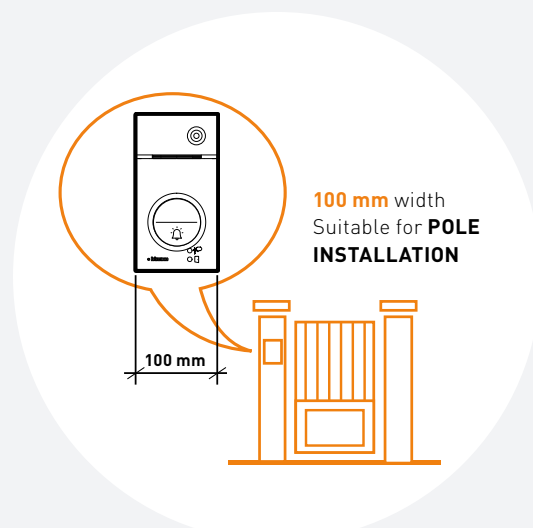
Ideal for renovations.........you can reuse the existing flush mounted box.
Same 2 Modules Tersystem and SFERA flush mounting box.

■ **LINEA 3000** can be wall mounted with the dedicated **(343051) rainshield accessory** (to be purchased separately).

343051
(grey version)
343053
(black version)
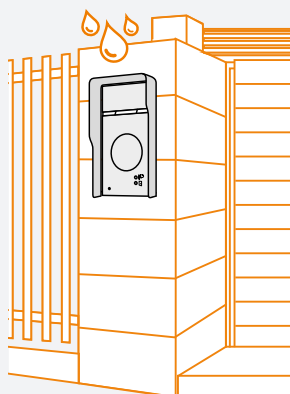
Also available in black version.
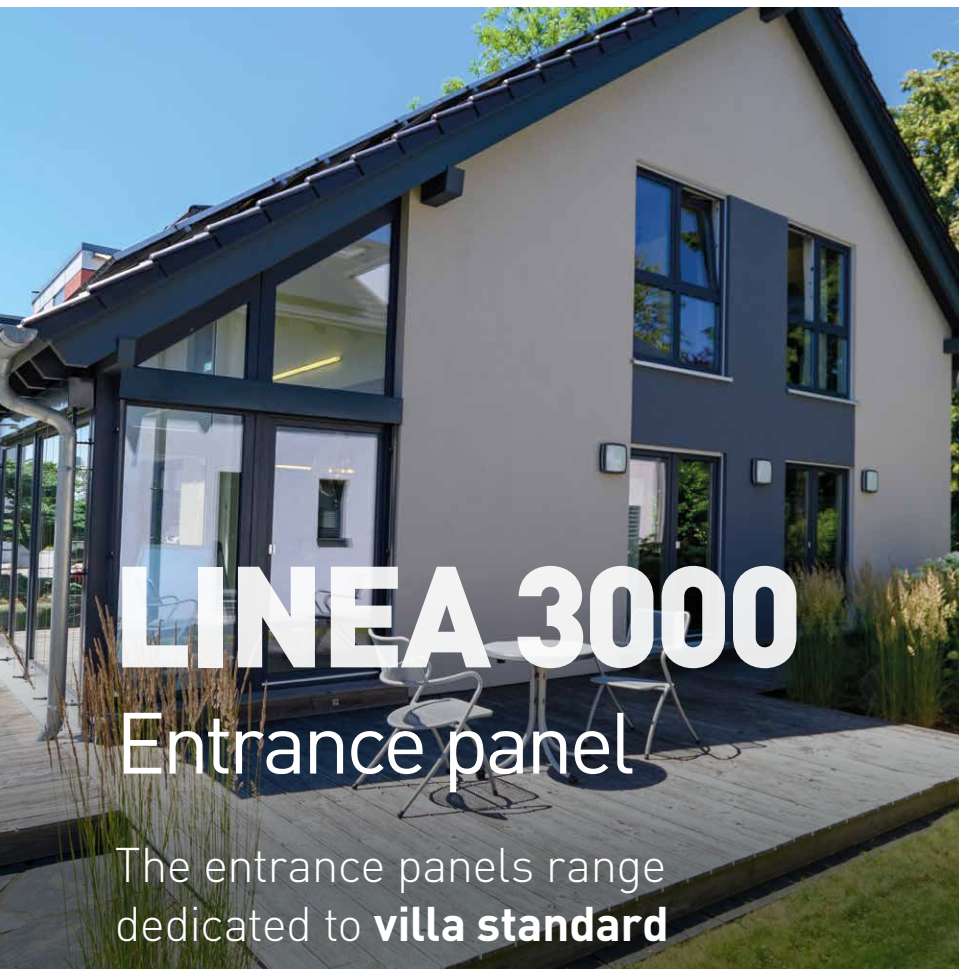
LINEA 3000
Entrance panel

The entrance panels range
dedicated to **villa standard**

Unique design and robust perception

Same look and ergonomics for all available versions:

LINEA 3000 video with door lock release badge

343093

343091

LINEA 3000 video

343081

LINEA 3000 audio

343071

2 WIRES SYSTEM

HIGH LEVEL APPLICATIONS
Modern aesthetics feeling of quality

refined
detailing

branded
quality

floating
effect

hidden
technology

high relevance
on interaction

robustness
Zamak finishes

IP54
Weatherproof **(IP 54)** protection degree

IK10
Robustness **(IK 10)** protection degree

Advanced functions

WIDE ANGLE CAMERA

Horizontal and vertical wide viewing field. Easy to use for children and differently-abled People.

105°

DOOR LOCK RELEASE

Door lock release with coloured badges or clear discs. Additional safe and comfort for all the residents.

IP54
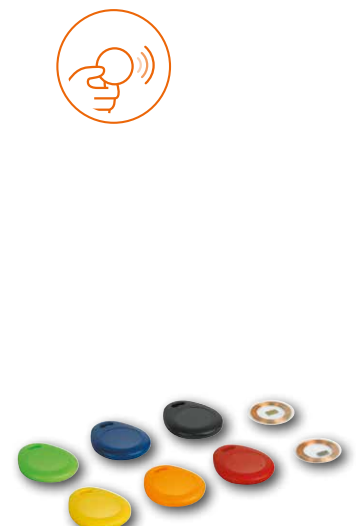
IK10

343091	343093	343081	343071	348260	348261

Item	**LINEA 3000 Video entrance panel**
	with door lock release proximity reader
343091	Wall mounted 2-Wires video pushbutton panel with Zamak front cover, wide angle colour camera and proximity reader. Fitted with white LED for the lighting of the shooting field in low light conditions. Can be set up for one or two family installation. It provides the possibility of opening an electrical door lock connected directly to clamps S+ and S- (18 V 4 A impulsive, 250 mA holding current, 30 ohm max). Can manage a maximum of 20 badges (125 KHz) for electrical door opening (master system badge included). White LED backlight name plate. Protection degree IP54 – protection against mechanical impact IK10. Supplied 1 set of door opening badges made up of : 6 coloured badges and 2 clear discs.
343093	Same as 343091 but in black finish

	LINEA 3000 Video entrance panel
343081	Wall mounted 2-Wires video pushbutton panel with Zamak front cover and wide angle colour camera.. Fitted with white LED for the lighting of the shooting field in low light conditions. Can be set up for one or two family installation. It provides the possibility of opening an electrical door lock connected directly to clamps S+ and S- (18 V 4 A impulsive, 250 mA holding current, 30 ohm max). White LED backlight name plate. Protection degree IP54 – protection against mechanical impact IK10.

	LINEA 3000 Audio entrance panel
343071	Wall mounted 2-Wires pushbutton panel with Zamak front cover. Can be set up for one or two family installation. It provides the possibility of opening an electrical door lock connected directly to clamps S+ and S- (18 V 4 A impulsive, 250 mA holding current, 30 ohm max). White LED backlight name plate. Protection degree IP54 – protection against mechanical impact IK10.

Item	**LINEA 3000 Spare part front covers**
343082	Spare part front cover for video entrance panels 343081 and 343091.
343072	Spare part front cover for audio entrance panel 343071.
	Door lock release badge and clear disc
348260	Set made up of 6 coloured badges which can be programmed to open the door
348261	Set made up of 2 programmable clear discs which can be programmed to open the door

343051   343053   343061   343063   350020

Item	**LINEA 3000 Rainshield accessory**
343051	Rainshield roof accessory for Linea 3000 (343071 – 343081 – 343091) entrance panels. To be purchased separately.
343053	Rainshield roof accessory for Linea 3000 (343093) entrance panel. To be purchased separately.

Item	**LINEA 3000 Flush mounting accessory + plastic box**
343061	Flush mounting frame accessory for Linea 3000 (343071 – 343081 – 343091) entrance panels. To be purchased separately.
343063	Flush mounting frame accessory for Linea 3000 (343093) entrance panel. To be purchased separately.
350020	Plastic box suitable for the flush mounting installation of Linea 3000 entrance panels (343071 - 343081 - 343091 - 343093) together with the specific frame accessory 343061 - 343063. To be purchased separately.

IP54 **IK07**

| 343031 | 343032 | 342911 | 342921 | 342931 | 342941 |

Item	**Wall mounted colour video entrance panel**
343031	2 WIRE video pushbutton panel with a call key and colour camera. Fitted with white LEDs for the lighting of the shooting field in low light conditions. Aluminium front cover. Nameplate lit by green LED
343032	As item 343031, but with 2 call pushbuttons

Item	**Wall mounted audio entrance panel**
342911	2 WIRE audio pushbutton panel with one call pushbutton for wall mounted installation. Aluminium front cover. Nameplate lit by green LED
342921	As item 342911, but with 2 call pushbuttons
342931	As item 342911, but with 3 call pushbuttons
342941	As item 342911, but with 4 call pushbuttons

LINEA 100

IP44   IK08

2 WIRES SYSTEM

BTICINO

343101

343102

343100

Item	**Pushbuttons audio entrance panel**
343101	2 WIRE audio pushbutton panel with 4 call pushbuttons for wall mounted installation. It's fitted with rainshield and internal contact (C - NO - NC) for the connection of an electrical door lock or external actuator (for the power supply to the electrical door lock allow for the installation of auxiliary transformer item 336482). Connections (PL) for a local door lock release pushbutton
343102	2 WIRE audio pushbutton panel with 8 call pushbuttons for wall mounted installation. It's fitted with rainshield and internal contact (C - NO - NC) for the connection of an electrical door lock or external actuator (for the power supply to the electrical door lock allow for the installation of auxiliary transformer item 336482). Connections (PL) for a local door lock release pushbutton

Item	**Digital call audio entrance panel**
343100	2 WIRE AUDIO digital call pushbutton panel for wall mounted installation. The device consists of a pushbutton panel with 16 keys and a digital display showing the operating status. Using previously saved numerical (SCS addresses) or alphanumerical (logical addresses) codes, it is possible to call the internal units, and for the residents to release the door lock using a dedicated numerical code. The pushbutton panel manages up to 4000 internal unit addresses (from 0 to 3999), as well as the direct call to the 2 WIRE switchboard. It's fitted with rainshield and internal contact (C - NO - NC) for the connection of an electrical door lock or external actuator (for the power supply to the electrical door lock allow for the installation of auxiliary transformer item 336482). Connections (PL) for a local door lock release pushbutton

IP54　**IK07**

308001
308011

308002
308012

308003
308013

308004
308014

308022

Item	**Aluminium finish pushbutton panel**
308001	Monobloc vandal-resistant 2 WIRE video pushbutton panel for 2 and 4 calls with aluminium finish. The item code includes: flush mounted box, frame, colour video and audio electronic module, prewired pushbutton module/s. Presetting for the mounting of transponder reader or key switch. Backlit call keys. Visual and sound notifications of the communication status for: call active, system busy, door lock status
308002	As item 30800 but for up to 8 calls
308003	As item 308001 but for up to 12 calls
308004	As item 308001 but for up to 20 calls
308005	As item 308001 but for up to 32 calls

	Wall mounted boxes
308021	Wall mounted box for pushbutton panels, items 308001-308011
308022	Wall mounted box for pushbutton panels, items 308002-308012
308023	Wall mounted box for pushbutton panels, items 308003-308013
308024	Wall mounted box for pushbutton panels, items 308004-308014
308025	Wall mounted box for pushbutton panels, items 308005-308015

Item	**Stainless steel finish pushbutton panel**
308011	Monobloc vandal-resistant 2 WIRE video pushbutton panel for 2 and 4 calls with stainless steel finish. The item code includes: flush mounted box, frame, colour video and audio electronic module, prewired pushbutton module/s. Presetting for the mounting of transponder reader or key switch. Backlit call keys. Visual and sound notifications of the communication status for: call active, system busy, door lock status
308012	As item 308011 but for up to 8 calls
308013	As item 308011 but for up to 12 calls
308014	As item 308011 but for up to 20 calls
308015	As item 308011 but for up to 32 calls

308040   308026

Digital call entrance panel with flush mounting box

Item	**Digital call entrance panel**
308040	Monobloc vandal-resistant 2 WIRE digital call video pushbutton panel (in stainless steel), flush mounted or wall mounted installation (with specific box item 308026 sold separately). The item includes: flush mounted vandal-resistant steel box, audio and video module with wide angle colour camera, integrated graphic display, and alphanumeric keypad for direct apartment call, fast address book search, and door lock release using a code. Presetting for the installation of a T25 Vigik reader, or a key switch. Backlit display and BLUE keys. It is possible to store up to 4000 residents names. Visual, sound, or control speech synthesis communication status notification, for example: call active, system busy, door lock status. Direct control of an electric door lock 18V-4A impulsive, 250 mA holding current (30 ohm max). System power supply cuts do NOT cause the loss of memory data. Selectable display menu languages are: Italian, English and French. The device can be configured physically or using a PC with the specific software, which can be downloaded free of charge from www.homesystems-legrandgroup.com
308026	Wall mounted box for digital call entrance panel 308040

INTERNAL UNITS RANGE

—> CLASSE 300EOS

—> CLASSE 100

—> SPRINT L2

alexa | built-in

CLASSE 300EOS
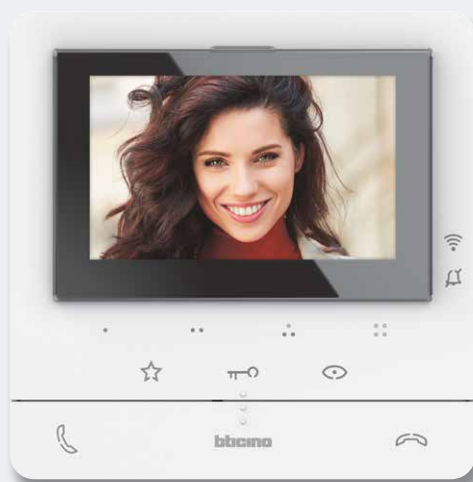
CLASSE 100 X16E

CLASSE 100 A16E

WWW.BTICINO.COM

	Classe 300EOS with Netatmo	Classe 100X16E with Netatmo	Classe 100V16E
Audio			
Colour video	●	●	●
Handsfree	●	●	●
Call redirection on smartphone	●	●	
Integrated Alexa voice assistant	●		
Wifi connection	●	●	
Finishes / Colours	White - Black	White	White
Display	LCD Touch 5"	LCD 5"	LCD 5"
Answering machine	●		
Floor call	●	●	●
Door lock release	●	●	●
Staircase light control	●	●	●
Scrolling EP activation	●	●	●
Intercom (1)	●	●	●
Inductive loop (2)	●	●	●
Professional studio function	●	●	●
Safe door lock function	●	●	●
Note / message function	●		
Quick link / Favourite	●		
Wall-mounted installation	●	●	●
Tabletop installation		●	●

(1) The intercom function allows for up to 3-minute communication between and among video door entry systems in the same apartment / in different apartments.
(2) Use by people wearing hearing aids fitted with (T) selector.
(3) Activated with specific configuration inserted in P.

	Classe 100V16B	Classe 100V16M	Classe 100A16E	Classe 100A16M	Sprint L2
			●	●	●
	●	●			
	●		●		
	White	White	White	White	White
	LCD 5"	LCD 4,3"			
	●	●	●	●	●
	●	●	●	●	●
	●	●	●	●	● (3)
	●	●	●	●	● (3)
	●	●	●	●	
			●	●	
	●	●	●	●	
		●			
	●	●	●	●	●
	●		●	●	

CLASSE
300EOS
THE EVOLUTION OF SMART

19:32

3 ! 1

Call already answered

DISMISS

Gate   Voice mail

FAVORITES

Homepage

Gate   OF

Staircase light   TURN

Others

Garden camera   VI

Second floor   CA

Ringtone

Voicemail

✎ EDIT FAVORITES

Swipe down for adjusments
⌄
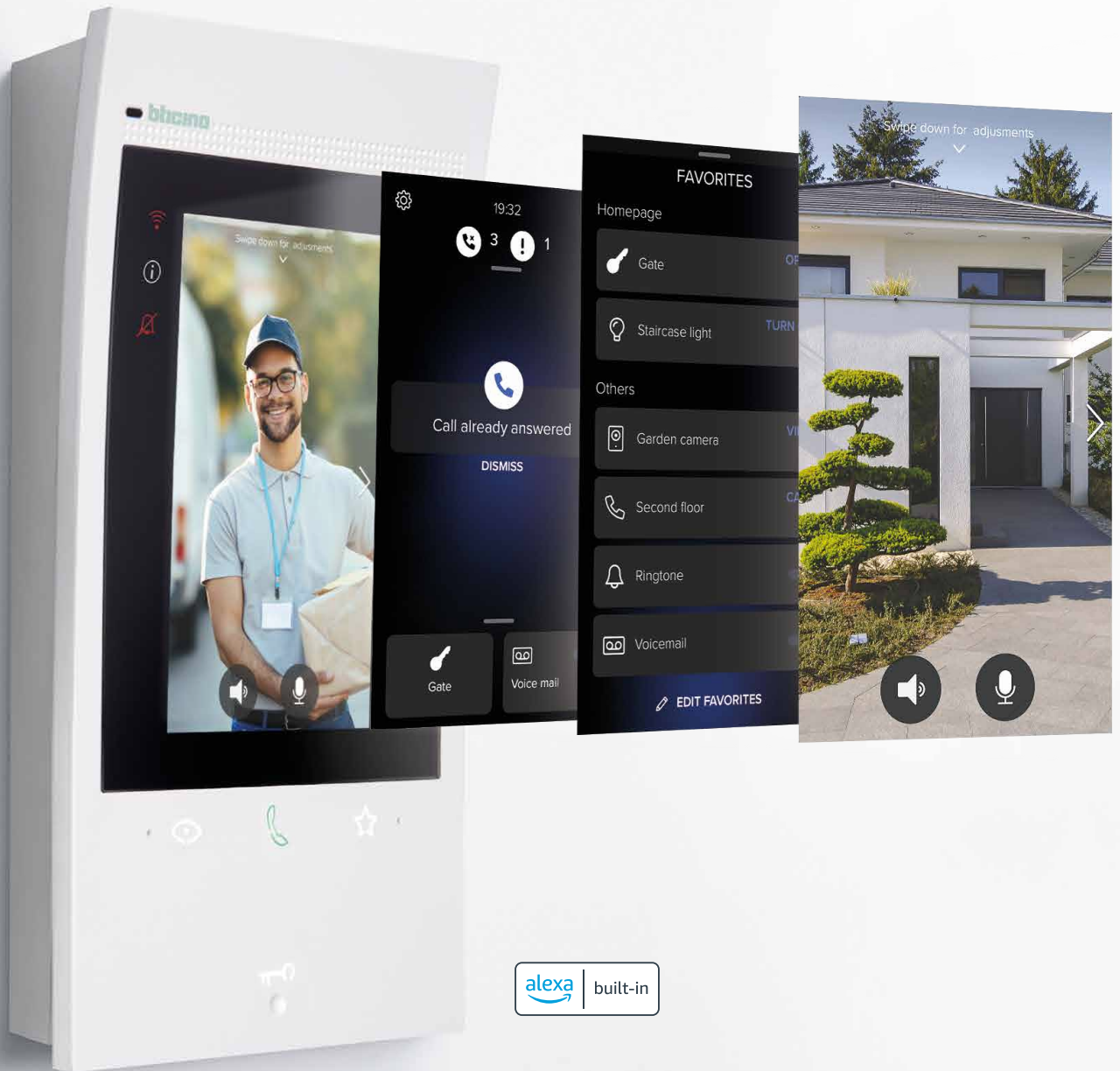
alexa | built-in

| Video door entry system | Management with smartphone | Voice control | Smart Home | Smart Security |

2 WIRES SYSTEM

Classe 300EOS with Netatmo is the 2 wires / Wi-Fi handsfree connected video internal unit with built-in Amazon Alexa voice assistant. Using the Home + Security App, in addition to video door entry calls, it is also possible to manage the devices of the Netatmo security range, creating a simple and fast Smart security system.

CLASSE 300EOS | WITH Netatmo

Change your idea of a video internal unit.
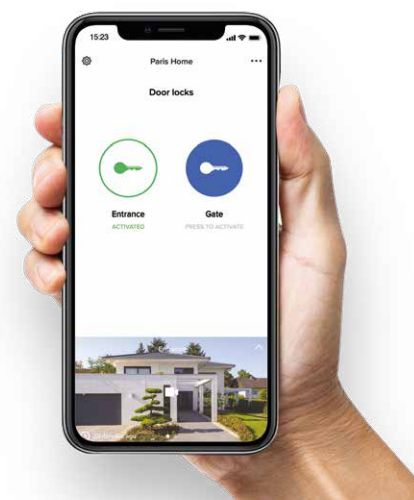
The smart vision of the home.

Distinctive design to meet the needs of contemporary living.
Vertical and super slim. With its clean and modern design,
it gives every type of home an innovative look,
and offers a unique user experience.

iF DESIGN AWARD

2 WIRES SYSTEM

Vertical display and curved shape:
a disruptive and modern design,
but also understated.
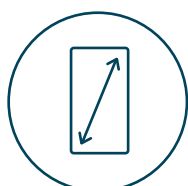
5" Touch Screen
Vertical display
for a better view
of the caller
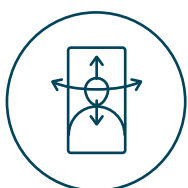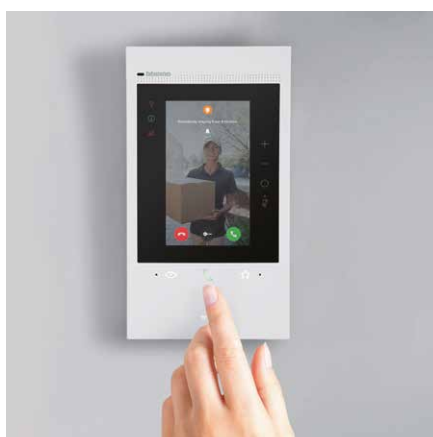
Face detection
Automatic centring of the
subject on the display
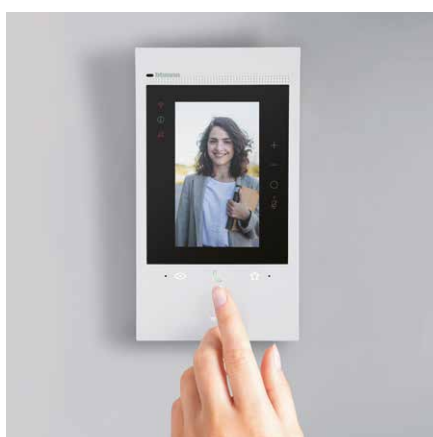
Horizontal display
Double "tap" the display
to view the image
in landscape format
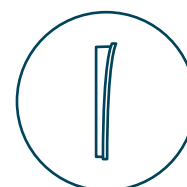
Curved shape
The shape of a welcome:
a "welcoming effect"
for residents and guests.

Always aware with the Home + Security App

Home + Security

The best App for a safe home
Alerts and notifications for incoming calls, motion and people detection, event information and door lock management with a simple and intuitive interface.

![BTICINO]

2 WIRES SYSTEM

Answer the calls,
activate the electrical door locks,
activate the cameras and display
the timeline of the events
-
Manage up to 20 homes
with your single account

Home + Security

Incoming call
Receive notification
when someone
is calling

See who's calling
Answer the call and
open the gate for
the courier

Check the events
Check who called you
and if they left you
a message

Quick actions
- Activate the electrical door locks
- Activate the timed staircase lights
- Call home / Intercom
- Activate the cameras
- Manage the video door entry
  answering machine

Security enhancement with integration of Netatmo devices

Video door entry system and security. Together.

Video door entry system   •••

Main entrance
Incoming entrance call.

Security   •••

Secondary entrance and interiors
Smart Outdoor Camera with Siren and movement detection. Smart Indoor Camera with face recognition.

A single App with an intuitive home page. It allows you to answer video door entry calls, activate the door lock and view images from Netatmo smart outdoor and indoor cameras.

Professional opportunity: offer your services as an installer of simple smart security systems.
Business opportunities: access to a catalogue of smart and easy-to-install security devices.

Home + Security
The best App for a safe home.

Solutions for a smart and complete protection of your home: security cameras, alarms, opening sensors, smoke detector...
Leave your home without worries.

WITH
Netatmo

Examples of Netatmo solutions natively integrated in the Home + Security App

Smart Outdoor Camera

Smart Outdoor Camera with Siren

Smart Indoor Camera

Smart Door and Window Sensors

Smart Video Doorbell

Smart Indoor Siren

Smart Smoke Alarm

Smart Carbon Monoxide Alarm

alexa | built-in

The first video internal unit with built-in Alexa

Enjoy the full Alexa experience
interacting with all its functions, such as:
Custom routines - Play Music - Smart Home
To set the clock alarms – Memos and
video door entry functions.

Add any compatible "works with Alexa" devices, to offer your customers an increasingly Smart home.

"Alexa, open the gate"

"Alexa, answer the call"

"Alexa, I go out"

NOTE: Alexa is not available in all languages and Countries.
Alexa features and functionality may vary by location.

2 WIRES SYSTEM
INTERNAL UNITS
CLASSE 300EOS with Netatmo

Proximity sensor for
future application

LED notifications
Wi-Fi Connection
Device info
Ringtone exclusion

5" vertical touch screen
LCD display

External pushbutton
panel/camera scrolling
activation

Enable / disable the
handsfree communication
with the external
pushbutton panel

Alexa voice assistant controls
Alexa speaker volume + / -
Alexa activation
Led + Alexa microphone exclusion

FAVOURITE control
Can be customised to activate
the most commonly used quick
functions e.g. intercom, staircase
lights and additional door locks

Activation control of the external
pushbutton panel door lock

Microphone

Back view

Speaker

**Plug-in connectors with screw
clamps for connection**
(BUS-MH) – BUS SCS MyHome Home
          Automation system;
(5M-1) – additional ringtone;
( ) – call to the floor external pushbutton

Dip-switch to enable
the safe door lock function

Dip-switch to select the
MASTER / SLAVE function

Configurator socket

MINI-USB socket
for firmware update

ON / OFF micro switch
to enable the additional
power supply (2-1)

Line termination ON/OFF
micro-switch

Connector for the connection to
the LAN network using Ethernet
accessory 344844

**Plug-in connector with screw clamps
for connection**
(2-1) – Additional power supply;
(BUS-AV) – BUS SCS 2 wires video
door entry system

INTERNAL UNITS
CLASSE 300EOS with Netatmo

2 WIRES SYSTEM

alexa | built-in   H + S

344842

alexa | built-in   H + S

344884

344844

346020

Item	CLASSE 300EOS WITH NETATMO connected video internal unit –white finish
344842	2 wires/Wi-Fi handsfree connected video internal unit white finish with built-in Amazon Alexa voice assistant, 5" vertical touch screen LCD display and video door entry answering machine. Integrated SCS Server for managing MyHOME wired systems. It can be used alternatively to the SCS Server DIN Item MhServer 1. It has a physical key for door lock release and capacitive keys for the control of the main video door entry functions: handsfree communication, entrance panel activation / camera scrolling and Favourite key (can be configured to activate the quick actions most frequently used – e.g. additional door locks, staircase light control, intercom). There are notification LEDs for: Wi-Fi network connection status, info / notifications and call exclusion. It is possible to easily interact with the built-in Alexa voice assistant, either using the dedicated capacitive keys or with your voice, and activate several functions, such as the video door entry functions, Smart Home, scenarios, reminders etc. Using the touch display, it is possible to access the notification list, as well as your favourite door entry, security and Smart Home controls (if any). The device must be configured by physically connecting the configurators or using the menu, which will give better possibilities of customisation of associated functions and texts. Thanks to the Wi-Fi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS). The App allows to use the main video internal unit functions (receiving calls, door lock release, display of the event timeline and activation of the entrance panel/camera cycling). Through the Home + Security App, it is also possible to manage the products of the Netatmo security range (outdoor and indoor cameras, door and window sensors, indoor siren and smoke detector). This allows you to quickly and easily create a Smart security system. Wall mounted installation using the supplied bracket. Possibility of Wi-Fi connection or using RJ45 ethernet cable with the dedicated accessory 344844.

Item	CLASSE 300EOS WITH NETATMO connected video internal unit – black finish
344884	Same as 344842 but in Black finish.

	Ethernet accessory
344844	Accessory cable for the wired connection of the Classe 300EOS video internal unit using an RJ45 Ethernet cable. To be purchased separately.

	2 DIN additional power supply
346020	Additional 2 DIN power supply to be used to supply the connected CLASSE 300EOS video internal units (344842 - 344884) locally, when required.

Classe 100 X16E
with Netatmo

Now the standard is connected

BTicino renews the range of **Classe 100** indoor units by introducing Wi-Fi connectivity in the standard video door entry system offer. The result is a range of video and audio indoor units with a modern and elegant design, capable of meeting all installation needs.

Built-in connectivity for constant connection with the home.

22 apt Up to **22 apartments** without dedicated power supply.
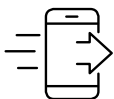
Immediate association with the **Home + Security App**.

Ideal for the refurbishment of old door entry systems.

No extra work for the installer; **easier to use** for the end user.

After being connected to **Classe 100X**, the smartphone becomes an "additional virtual video indoor unit" that can be used to answer calls, activate the opening of the door locks and activate the system cameras.

Always aware with the Home + Security App

Home + Security

The best App for a safe home
Alerts and notifications for incoming calls, motion and people detection, event information and door lock management with a simple and intuitive interface.

BTICINO

2WIRES SYSTEM

Answer the calls,
activate the electrical door locks,
activate the cameras and display
the timeline of the events
-
Manage up to 20 homes
with your single account

Home + Security

Incoming call
Receive notification
when someone
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See who's calling
Answer the call and
open the gate for
the courier

Check the events
Check who called
you thanks to the
event timeline

Quick actions
- Activate the electrical door locks
- Activate the timed staircase lights
- Call home / Intercom
- Activate the cameras

Security enhancement with integration of Netatmo devices

Video door entry system and security. Together.

Video door entry system ···

Main entrance
Incoming entrance call.

Security ···

Secondary entrance and interiors
Smart Outdoor Camera with Siren and movement detection. Smart Indoor Camera with face recognition.

A single App with an intuitive home page. It allows you to answer video door entry calls, activate the door lock and view images from Netatmo smart outdoor and indoor cameras.

Professional opportunity: offer your services as an installer of simple smart security systems.
Business opportunities: access to a catalogue of smart and easy-to-install security devices.

Home + Security
The best App for a safe home.

Solutions for a smart and complete protection of your home: security cameras, alarms, opening sensors, smoke detector...
Leave your home without worries.

WITH
Netatmo

Examples of Netatmo solutions natively integrated in the Home + Security app

Smart Outdoor Camera

Smart Outdoor Camera with Siren

Smart Indoor Camera

Smart Door and Window Sensors

Smart Video Doorbell

Smart Indoor Siren

Smart Smoke Alarm

Smart Carbon Monoxide Alarm

INTERNAL UNITS
CLASSE 100

Features and functions

	Classe 100 X16E with Netatmo	Classe 100 V16E	Classe 100 V16B	Classe 100 V16M	Classe 100 A16E	Classe 100 A16M
	344682	344672	344652	344625	344282	344292
FEATURES						
LCD colour display	5 inches	5 inches	5 inches	4.3 inches		
Handsfree	●	●	●		●	
Finish	white	white	white	white	white	white
Available in KIT	364614	364612	364613		364232	364231
Installation	wall / table	wall / table	wall / table	wall	wall / table	wall / table

AVAILABLE FUNCTIONS FROM AUDIO / VIDEO INDOOR UNIT						
Door lock activation	●	●	●	●	●	●
Staircase light activation	●	●	●	●	●	●
EP / Scrolling activation	●	●	●	●	●	●
Intercom (1)	●	●	●	●	●	●
Inductive loop (2)	●	●				
Floor call	●	●	●	●	●	●
No. of configurable keys	4	4	1	1	4	4
No. of available ringtones	20	16	16	16	16	16
Professional Studio (Office)	●	●			●	●
Wi-Fi connectivity	●					

AVAILABLE FUNCTIONS FROM HOME + SECURITY APP						
Answer video door entry system calls	●					
Door lock activation	●					
Staircase light activation	●					
Intercom call from smartphone to video indoor unit	●					
Management Netatmo Security devices (smoke sensor , burglar alarm siren , opening sensor	●					
EP / Scrolling activation	●					

1) Audio call, max. 3 minutes, between indoor units of the same apartment/different apartments
2) Use by people wearing hearing aids fitted with T selector

![BTICINO logo]

2 WIRES SYSTEM

Front view

Touch sensitive controls

⌐○
Door lock activation

⊙
Entrance panel/camera scrolling activation

☆
Staircase light activation

• •• ∴ ∷
Customisable controls for the activation of accessory functions (e.g. intercom, activation of additional door lock, various activations)

LED notifications

📶
Wi-Fi Connection

🔕
Ringtone exclusion

Physical control

Enable the handsfree communication

Tactile guide

Physical control

Disable the handsfree communication

Rear view

Plug-in connectors with screw clamps for connections

Adjustment and programming menu access and navigation joystick

Line termination ON/OFF micro-switch

ON / OFF micro switch to enable the additional power supply
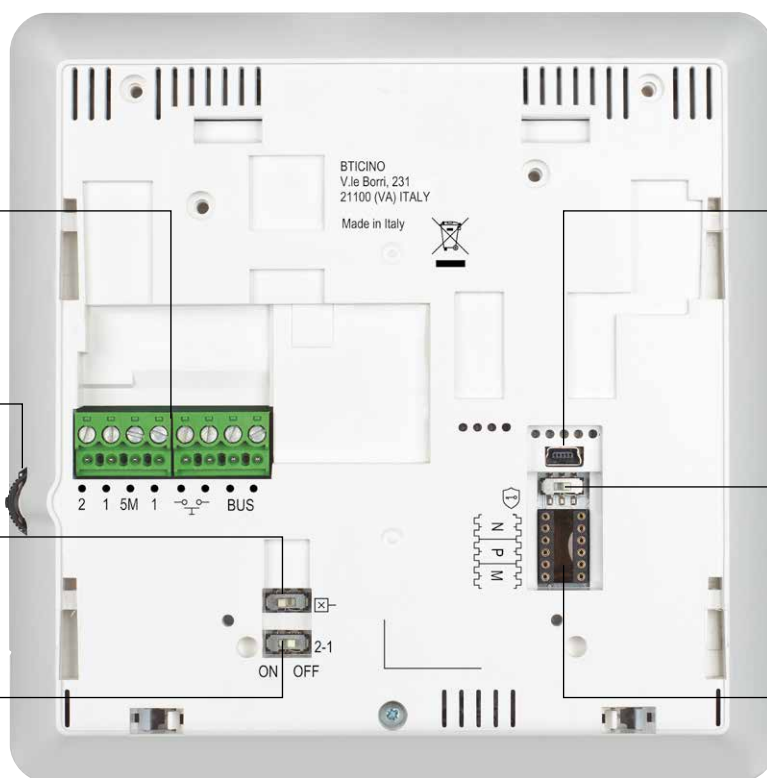
USB mini socket for firmware update

ON / OFF micro switch to enable the Safe Door Lock function

Configurator socket

2 WIRES SYSTEM
INTERNAL UNITS
CLASSE 100

344682

344672

344652

344625

App Home + Security

Item	**CLASSE 100X16E connected video indoor unit**
344682	Classe 100X16E with Netatmo 2 wires / Wifi handsfree connected video internal unit with inductive loop and 5" colour LCD display. It has 2 physical keys for the control of the main video door entry functions – answer and end a call – it has 3 touch keys for the control of the main functions – door lock release, staircase light control and entrance panel activation/scrolling – there are further 4 configurable touch keys that perform different functions – e.g. staircase light control, intercom, additional door lock activation, generic activations. The device has a side lever to adjust: colour, brightness and display contrast, audio volume, call tone volume and Wifi configuration. There are call exclusion notification LEDs and Wifi. Also, thanks to the Wifi connection, you can associate the video internal unit to the Home + Security App (available for Android and iOS). You can manage the main video internal unit functions (receiving calls, opening the door lock, activating the entrance panel/scrolling, FWR updating and additional activations) from the App. Through the Home + Security App it is also possible to manage the products of the Netatmo security offer (Outdoor and Indoor cameras, door and window sensors, internal siren and smoke detector). This allows you to quickly and easily create a Smart security system. The installation can be made to the wall using the bracket supplied or using table support accessories (2 x 344692) – to be purchased separately. The device, also equipped with the professional studio (office) function, must be configured.

	CLASSE 100V16E video indoor unit
344672	2 WIRES handsfree video indoor unit , with inductive loop and 5" colour LCD display It has 2 physical keys for the control of the main video door entry functions – answer and end a call – it has 3 touch keys for the control of the main functions – door lock release, staircase light control and entrance panel activation/scrolling – there are further 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations. The video indoor unit has a side lever to adjust: colour, brightness and display contrast, audio and call tone volume. There is a call exclusion notification LED. The installation can be made to the wall using the bracket (supplied) or using table support accessories (2 x 344692) – to be purchased separately. The device also has Professional Studio (Office) function and must be configured.

| Item	**CLASSE 100V16B video indoor unit**
344652	2 WIRES handsfree video indoor unit with 5" colour LCD display. The device has 2 physical keys for the control of the main video door entry functions – answer and end a call – and 3 touch keys that allow the door lock release, the entrance panel activation/scrolling and the customisation of a most frequently used quick action – e.g. staircase light control, intercom, additional door lock activation, generic activations. The device has a side lever to adjust: colour, brightness and display contrast, audio and call tone volume. There is a call exclusion notification LED. The installation can be made to the wall using the bracket (supplied) or using table support accessories (2 x 344692) – to be purchased separately. The device must be configured.

	CLASSE 100V16M video indoor unit
344625	2 WIRES video indoor unit with handset and 4.3" colour LCD display, suitable for wall mounting installation (bracket support included). The device has three touch keys that allows : door lock release, entrance panel camera activation/scrolling and customization of an auxiliary function – e.g. additional door lock activation, additional camera activation. Side easily accessible and independent regulations for : call volume / ringtone exclusion (with notification LED), display colour and brightness. The handset has magnets for easy holding.

2 WIRES SYSTEM
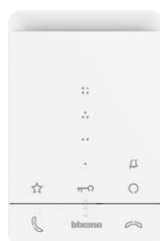
| 344282 | 344292 | 344692 | 336803 | 336982 | 346020 |

Item	**CLASSE 100A16E handsfree audio indoor unit**
344282	2 WIRES handsfree audio indoor unit for wall mounted or table installation. It has 2 physical keys for the control of the main functions – answer and end a call – and has 3 touch keys for the control of the main functions – door lock release, staircase light control and entrance panel activation/scrolling – there are further 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations. The device has a side lever to adjust the audio volume and call tone and a call exclusion notification LED. The installation can be made to the wall using the bracket (supplied) or using table support accessory (1 x 344692) – to be purchased separately. The device also has Professional Studio (Office) function and must be configured.

	CLASSE 100A16M audio indoor unit with handset
344292	2 WIRES audio indoor unit with handset for wall mounted or table installation. It has 3 touch keys for the control of the main functions – door lock release, staircase light control and entrance panel activation/scrolling – there are further 4 configurable touch keys that perform different functions – e.g. intercom, additional door lock activation, generic activations. Ringtone volume adjustment (with call exclusion) using the appropriate selector. The installation can be made to the wall using the bracket (supplied) or using table support accessory (1 x 344692) – to be purchased separately. The device also has Professional Studio (Office) function and must be configured.

Item	**Accessories - table support - cable - sockets**
344692	Table support accessory for CLASSE 100 audio and video hands-free indoor units.
336803	8-way cable with connector for tabletop support connection.
336982	White Livinglight series 8-pole plug for the connection of the 336803 cable in tabletop installations. The socket is available also in the following finishings: - LIVINGLIGHT (336983 - 336984); - AXOLUTE (349414 - 349415 - 349418); - MATIX (336985).

	2 DIN additional power supply
346020	Additional 2 DIN power supply to be used for the local power supply to connected CLASSE 100x16E (344682) video indoor units in multi-family systems in complexes with more than 22 apartments.

INTERNAL UNITS
Netatmo safety devices

 Home + Security App

NOC - PRO	NOC -S- PRO	NOC-S-W-PRO	NSC - PRO	NBU - AS - PRO	DTG - PRO

Item	**Smart outdoor camera**
NOC-PRO	Smart outdoor safety camera with detection of people, animals and vehicles. Aluminium single monobloc construction. Ultra-resistant glass and plastic, protection against UV rays. Video sensor: 4MP. Resolution: Full HD 1080 p. Coding: H.264. Long-range detection: up to 20 m. Field of view: 100°. 8x digital zoon for videos. Video live microphone. LED spotlight: 12 W, variable intensity. Infrared night vision: 15 m. Encryption protected access to the smartphone using the Home + Security App. Weather resistant: designed for outdoor use (HZO protection).

	Smart outdoor camera with siren
NOC-S-PRO	Smart outdoor safety camera with detection of people, animals and vehicles. Equipped with 105 db alarm siren. Aluminium single monobloc construction. Ultra-resistant glass and plastic, protection against UV rays. Video sensor: 4MP. Resolution: Full HD 1080 p. Coding: H.264. Long-range detection: up to 20 m. Field of view: 100°. 8x digital zoon for videos. Video live microphone. LED spotlight: 12 W, variable intensity. Infrared night vision: 15 m. Encryption protected access to the smartphone using the Home + Security App. Weather resistant: designed for outdoor use (HZO protection).
NOC-S-W-PRO	Features like NOC-S-PRO. White finish.

Item	**Smart indoor camera**
NSC-PRO	Smart indoor safety camera with people detection consisting of an aluminium monobloc unit. Video sensor: 4MP. 130° panoramic view for a wider coverage. High quality video with Full HD 1080 p viewing. Guaranteed day and night protection with infrared vision, for comfortable viewing even in total darkness. Recording only in case of intrusion, in respect of the privacy of the family. Encryption protected access to the smartphone using the Home + Security App. Declaration of conformity and FCC declarations. Open-source compatibility. It has to be connected to an electric socket with the supplied AC adapter.

	Smart video alarm system
NBU-AS-PRO	Smart video security alarm system consisting of 1 smart indoor camera, 1 smart indoor siren and 3 smart door and window opening sensors. The products can be easily configured and associated using the Home + Security app. The smart video alarm system activates and deactivates automatically, has pre-recorded sounds to simulate a presence in the home, respects the privacy of the family and activates a 110 dB sound in case of intrusion.

	Smart door and window sensors
DTG-PRO	Smart opening sensors for doors and windows ideal for safety. Sensors with waterproof monobloc construction, vibration/motion detection and open/closed status. Power supply with 2 AAA-type batteries included in the package. They only work with the smart indoor camera (sold separately): radio link between the sensors and the camera. Declaration of conformity and FCC. Open-source compatibility. Can be controlled and managed remotely with Home + Security app.

| NDB - PRO | NSA - PRO - EU | NIS - 01 - PRO | NCO - PRO |

Item	**Smart video doorbell**
NDB-PRO	Smart video doorbell for outdoor installation. Allows you to receive a video call on your smartphone when someone rings the doorbell. Equipped with Camera: 2 megapixels, 5x digital zoom. HDR function of automatic adaptation to lighting conditions. Infrared night vision even in conditions of total absence of brightness. Video: Full HD 1080 p, portrait format 9:16. Field of view: 140° diagonal. Sound: high-quality speaker and microphone. Night vision: Infrared LED. Operating temperature: -10° to 40° C. Weather resistant: HZO protection and IP44 certification. Power supply: 8-24 VAC & 230 VAC; minimum 8 VA. Local storage on microSD memory card and optional storage on Dropbox or FTP server MicroSD card up to 32 GB (class 10). Data protection with encrypted connection for the highest level of privacy. Requirements: high speed internet access. The minimum required upload and download speed is 25 KB/s. Hotspots are not supported. Wireless specifications: Wi-Fi 802.11 b/g/n (2.4 GHz), Open/WEP/WPA/WPA2-personal. Operation via Home + Security app (iOS 10 required minimum - Android 5.0 required minimum). Compatible with Apple HomeKit, Google Assistant and Amazon Alexa.www

	Smart smoke alarm
NSA-PRO-EU	Smart Smoke Alarm with 85 dB alarm, high performance photoelectric sensor, average coverage 50 m². When it detects the presence of smoke, it activates its 85-decibel alarm and immediately alerts you to your smartphone. It is equipped with a 10-year battery - the maximum lifetime for all smoke detectors. The Self-Test feature checks if the Smart Smoke Alarm is functioning correctly. If it detects a problem, it sends a notification to your smartphone. Reliability guaranteed by CE (EN 14604) and NF certifications. Standalone device, no hub required. Compatible with Apple HomeKit. Operation via the Home + Security app. Requirements: High-speed wireless internet connection needed. Public hotspots not supported. The Smart Smoke Alarm will detect smoke and will sound even if the Wi-Fi isn't configured. However, you will need Wi-Fi to receive smartphone alerts. Wi-Fi 802.11 b/g/n (2.4 GHz), Open/WEP/WPA/WPA2-Personal, Bluetooth Low Energy (BLE).

Item	**Smart indoor siren**
NIS-01-PRO	Smart indoor siren with 110 dB alarm, pre-recorded sounds and vibration sensor for tamper detection. Battery power supply or with a cable (not supplied) using the USB micro port. It only works with the smart indoor camera and must be installed in the same room: Bluetooth Low Energy (BLE) wireless connection with the smart indoor camera. Declaration of conformity and FCC declarations. Open-source compatibility. Operation using the Home + Security app.

	Smart carbon monoxide alarm
NCO-PRO	Smart carbon monoxide alarm / detector for wall installation. It allows to monitor the fuel-burning appliances (boiler, fireplace, wood-burning stove, gas cooker, etc.) by measuring, in real time, the levels of carbon monoxide, which is an invisible, odourless and potentially fatal gas. When it detects the presence of carbon monoxide, it activates its 85-decibel alarm and immediately alerts you to your smartphone. It is equipped with a 10-year battery - the maximum lifetime for all carbon monoxide detectors. The Self-Test feature checks if the Smart Carbon Monoxide Alarm is functioning correctly. If it detects a problem, it sends a notification to your smartphone. Reliability guaranteed by CE (EN 50291) and NF certifications. Standalone device, no hub required. Compatible with Apple HomeKit. Operation via the Home + Security app. Requirements: High-speed wireless internet connection needed. Public hotspots not supported. The Smart Carbon Monoxide Alarm will detect Carbon Monoxide and will sound even if the Wi-Fi isn't configured. However, you will need Wi-Fi to receive smartphone alerts. Wi-Fi 802.11 b/g/n (2.4 GHz), Open/WEP/WPA/WPA2-Personal, Bluetooth Low Energy (BLE).

2 WIRES SYSTEM
INTERNAL UNITS
SPRINT L2

344242   344232

Item	**SPRINT L2 audio handsets**
344242	2 WIRE audio handset (without the possibility of fitting with accessories) for audio systems and mixed audio /video systems. Wall mounted installation without the need of accessories. With door lock release key and auxiliary functions key (that can be configured). Ringtone volume adjustable on 3 levels. White
344232	As item 344242 but with call to the floor function

DIMENSIONAL DATA

78

54,5

194

344232
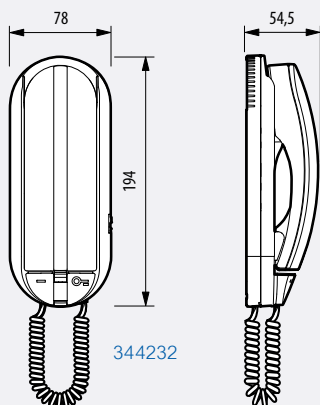
Size in mm

1 Simple and modern design

2 Ringtone volume, adjustable to 3 levels

3 Two pushbuttons:
- door lock release
- available for applications (e.g. control of staircase lights)

Universal analogue audio handset

Item	**Universal analogue audio handset**
334262	Universal audio handset that can be installed in BTicino analogue (1 + n) and (4 + n) Compatible with most competitors analogue systems. It has a lock release button and it is designed for the installation of 4 buttons accessory (Item 337430) for additional functions. Volume adjustment on 3 levels.

334262

Porter switchboards

346310

346300

Item	Switchboard and accessories
346310	Switchboard for 2 WIRE audio and video systems. Allows access to various services (video door entry functions, door lock/staircase light management and apartment alarm monitoring) directly from the keypad or via the intuitive icon menu. The switchboard is supplied with an integrated table supporting frame and also features a 7" colour LCD display, receiver and speaker phone, dedicated keys for the main functions and keys which can be configured. The programming can be carried out directly from the device or via PC with TiSwitchBoardDevice software (supplied). The device can manage the phonics of the riser EP (i.e. wired downstream of interface 346851); it cannot however manage the apartment EP (i.e. wired downstream of interface 346850). The use of an additional power supply is recommended. It is possible to connect up to a max. of 16 switchboards (configured from 0 to 15). **WARNING: the switchboard cannot be used in systems with 2 WIRE-IP interface 346890. The new HIERARCHICAL mode is available only with the entrance panels of the following series: Sfera New, Linea 100, Minisfera, Linea 300.**
336982	White 8-way socket for table top installation of switchboard item 346310
336803	8 – Way cable with connector for the table top installation connection.

Item	SOFTSWITCHBOARD software
346300	Switchboard software for the management of audio and video door entry system calls. The software (Windows operating system compatible) can be installed on any desktop or laptop PC, and gives the possibility of receiving, managing and transferring the calls from the entrance panel and the handset. It implements home video monitoring, with cyclical display of the cameras, night and day functions, and the possibility of displaying the alarms in the various apartments. - Supported operating systems: Microsoft Windows XP Service Pack 2, Windows Vista and Windows 7. - Software required: NET Framework 3.5 or higher

Alarm reception and management

Entrance panel call reception

Camera enabling

Staircase light switching on

Door lock release

Intercom calls
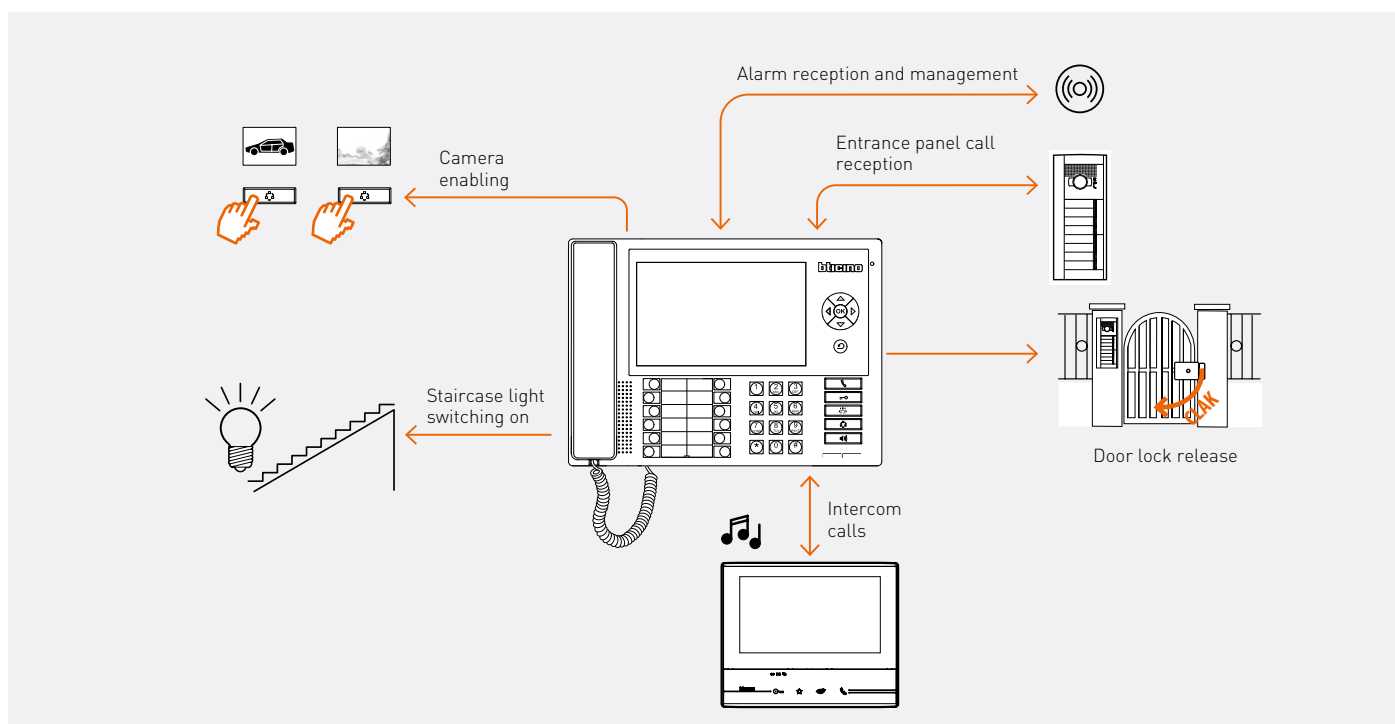
SYSTEM ACCESSORIES RANGE
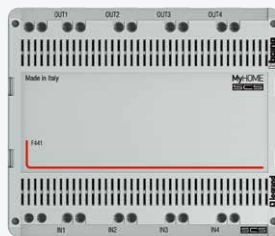
SYSTEM ACCESSORIES
Accessories

346050 ▣ SELV   346030 ▣ SELV

F441   346850   346851

346040 ▣ SELV   346020 ▣ SELV

F441M

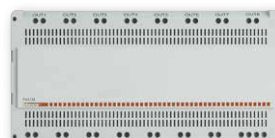| Item	Power supplies
346050	Power supply for 2 WIRES system in 6 DIN modular enclosure. Power supply 110 – 240 Vac @ 50 – 60 Hz. The output provides two power supplies in very low safety voltage (one on the 3 TK BUS, IU BUS and SCS clamps, one on the 1 - 2 clamp) to be used alternately and NOT at the same time. To be used in audio, video or mixed audio video systems. The video adapter is integrated in the device (item 346830 must not be used). It is therefore possible to avoid the use of the A/V node (F441) or the Multi-channel Matrix (F441M), if three junctions (MAX 2 IU + 1 TK risers or 1 IU + MAX 2 TK risers) are not exceeded in total from the clamps. It can also be used as additional power supply (1 - 2 output) for the local power supply of the preset internal units or entrance panels (in this case it is not possible to use other outputs). The device is electronically protected against overload and short circuit. It is a SELV double insulation safety device. The installation must be made in compliance with current regulations. The device must not be configured. **WARNING: the (IU BUS), (TK BUS) and (SCS) outputs can be used at the same time respecting the total maximum absorption of 1.2 A. WARNING: Disconnect the power supply for 5 minutes after overload or short circuit.**
346040	Power supply for 2 WIRES audio systems in 6 DIN modular enclosure. Power supply 110 – 240 Vac @ 50-60 Hz. The output provides 26 Vdc low rated voltage, and a maximum rated current of 600 mA and it is protected on the PRI side (with fuse) against overload and short circuit. It is a SELV double insulation safety device.
346030	Mini power supply with integrated video adapter to make small 2-WIRES video systems (intercom). 2 DIN modular enclosure. Power supply 230 Vac @ 50-60 Hz. The output provides 27 Vdc continuous low voltage, with maximum current of 600 mA and it is protected on the PRI side (with fuse) against overload and short circuit. It is a SELV double insulation safety device.
346020	Additional power supply to be used to supply the set up entrance panels and internal units locally. 2 DIN modular enclosure. Power supply 230 Vac @ 50-60 Hz. The output provides 27 Vdc continuous low voltage, with maximum current of 600 mA and it is protected on the PRI side (with fuse) against overload and short circuit. It is a SELV double insulation safety device.

Item	Video mixers
F441	Audio video node in 6-DIN modular enclosure set up with 4 input terminals and 4 output terminals. Can connect up to 4 source devices (entrance panels or cameras) in input and up to 4 2-WIRES video risers in output. The device must be used with the system power supply 346000. It must be used as an alternative to the audio video adapter 346830
F441M	Multi-channel matrix in 10 DIN modular enclosure. Set up for the connection of video entry system entrance panels, cameras and sound system sources in input and internal units and amplifiers in output. 4 inputs are dedicated to entrance panels/cameras and 4 to the sound system sources. It can be used to create multi-channel sound systems. The device must be used with the system power supply 346000. In the systems it replaces the video adapter 346830 and the audio video node F441

	System interfaces
346850	Apartment interface in 4 DIN modular enclosure. Can interface a dedicated apartment video door system with local CCTV, sound system and control of the Home automation applications to a 2-WIRES riser. The device must be configured using physical configurators
346851	System expansion interface in 4 DIN modular enclosure. Can double the length of the entrance panel-internal unit line, create risers with independent sound and expand the performance of the apartment system. The device must be configured using physical configurators

SYSTEM ACCESSORIES
Accessories
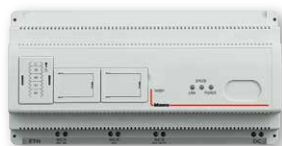
346891

346260

346210

346841

347400

346870

346993

346250

3499

354000

Item	**Interfaces with other BTicino systems**
346891	Can make very large mixed 2 WIRES/IP systems with a large number of devices, thanks to the creation of an IP backbone with 2-WIRES risers. The device must be configured using physical configurators or using the software
346150	8/2-WIRES interface in 6 DIN modular enclosure. Can make mixed video door entry systems (8-WIRES digital backbone/2-WIRES risers). The device must be configured using physical configurators
349410	Analogue/2 WIRES interface in 4 DIN modular enclosure. Can interface a dedicated apartment 2-WIRE video door entry system with cameras and control of the MyHOME applications to an analogue riser, digital 8-WIRES, audio TERSYSTEM and VIDEOPORTER 2000.

Item	**DIN actuators**
346210	Relay actuator in 2 DIN modular enclosure. Can switch on lights, open gates, repeat the call on bells (MOD=SLA) or control other devices from the video internal units. The device must be configured using physical configurators
346230	Door lock relay actuator in 2 DIN modular enclosure. Can supply power and activate an electrical door lock. The device must be configured using physical configurators
346260	Timed door lock relay actuator in 4 DIN modular enclosure. Can switch on lights, open gates or manage electro-magnetic door locks, timed door opening and door lock status (with NC contact). The device must be configured using physical configurators

Item	**Devices in basic enclosure**
346841	Floor shunt with 4 outputs Can make 2-WIRES video door entry systems with star wiring distribution. The device automatically adapts the video signal. Its small size means it can also be placed inside the flush-mounted box
346833	Call to the floor interface. By connecting a traditional pushbutton, the following functions will be possible: general call to the floor, addressed call to the floor, staircase lights on, and door lock release (specific actuator needed) and association of the video image to the call to the floor. The device must be configured using physical configurators
347400	Interface for the conversion of the coaxial signal into a 2 WIRES BUS signal. It can be used to connect to the BUS of the 2 WIRES video door entry system a camera with coaxial video output powered at 12 Vdc, with maximum absorption 150 mA and 1 Vpp video output (75 Ω). The device must be configured using physical configurators

Item	**Wiring accessories**
346870	2 WIRES video amplifier. In video systems wired using non-twisted wires, where the distance between the entrance panels and the internal unit exceeds 50 metres, it enables increasing such distance to up to 100 metres
346250	Relay module for gate opening to be used with LINEA 2000, LINEA 3000, MINISFERA and SFERA pushbutton panels. Can open door locks (NOT managed by BUS) by means of the entrance panel
3499	Line terminator. To be used to terminate the riser or apartment line, when the last installed device is not tted with line closing micro switch
354000	Flat cable for the connection of several SFERA NEW and SFERA ROBUR pushbutton modules. Length 470 mm

346991

336904
336905

3515

3501/1

3501K

Item	
	Universal speaker unit and expansion module
346991	The universal speaker unit can be used to install the 2 WIRES audio system in new or refurbished systems, where pushbutton panels of other manufacturers are present or required (mail boxes, patterned brass, compact sheet metal units, etc.), preset for a traditional speaker module (e.g. 2659N). The universal speaker unit has, as base, contacts for the connection of 8 call keys; to make systems with more keys (up to 56 using the 346000 power supply and up to 24 with the 346010 power supply one or more key expansion modules must be used (1 every 8 pushbuttons).
346992	Expansion module for connecting more than 8 call keys to item 346991 - max. 6 modules (56 calls max.) with power supply 346000. Max. 2 modules (24 calls max.) with power supply 346010
	Cable for systems
336904	Specific cable for 2 WIRES video door entry applications with 2 twisted conductors. It can be installed in underground piping, in accordance with standards (CEI 20-13 and CEI 20-14). It ensures the best performance in video systems (higher distance between EP and Handset when compared with other cables). 200 m coil
336905	Specific cable for BUS / SCS unshielded, consisting of a white outer sheath and 2 flexible conductors twisted together with a cross section of 0.50 mm². Halogen-free low-toxicity cable; **ideal for applications in environments where greater regard is required for safety in the event of fire (halogen free)**. 400 V insulation. Compliant with standards: EN 50575 EN60811, EN50289, EN50290, EN60228, 50265-2-1, EN50395, EN50396. Cable not suitable for burial. Coil length 200 m. Fire reaction class according to CPR regulation: Ccas1b, d1, a1.
	Spare part terminal/clamp
3515	Spare part terminal/clamp for BUS connection of the predisposed devices

Item	
	Configurators (package of 10 pieces)
3501/0	Configurator 0
3501/1	Configurator 1
3501/2	Configurator 2
3501/3	Configurator 3
3501/4	Configurator 4
3501/5	Configurator 5
3501/6	Configurator 6
3501/7	Configurator 7
3501/8	Configurator 8
3501/9	Configurator 9
3501/JMP	Configurator JMP
	Configurator kit
3501K	Configurator kit consisting of: - 10 pieces for each type of configurator from 0 to 9 - 2 blue removable 8-clamp connectors - 2 green removable 2-clamp connectors - 1 configurator connection tool (3502) - 1 plastic screwdriver

WIRING DIAGRAM EXAMPLES
Audio system

Example of multi-family audio system

N = - / = 7		BUS	BUS		N = - / = 8
P = -		BT-344242	BT-344242		P = -

APARTMENT 7   APARTMENT 8

N = - / = 5   P = -   BUS   BT-344242   BUS   BT-344242   N = - / = 6   P = -

APARTMENT 5   APARTMENT 6

N = - / = 3   P = -   BUS   BT-344242   BUS   BT-344242   N = - / = 4   P = -

APARTMENT 3   APARTMENT 4

N = - / = 1   P = -   BUS   BT-344242   BUS   BT-344242   N = - / = 2   P = -

APARTMENT 1   APARTMENT 2

110 - 240 Va.c.

BT-346040

US

BT-343102

P = - / = -
N = - / = -
T = -
S = -

BUS	C	NO	NC	P	L

~   S

Entrance panel
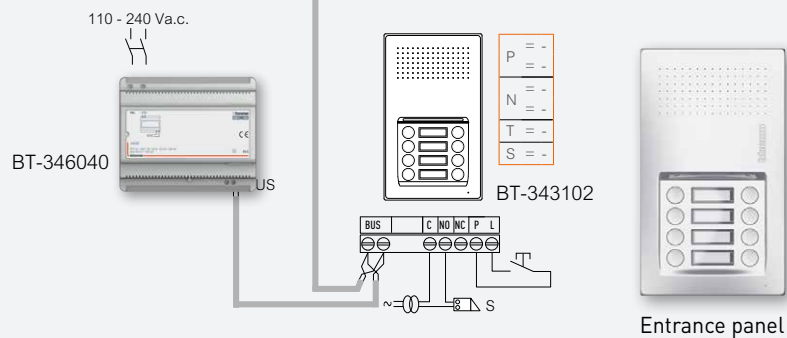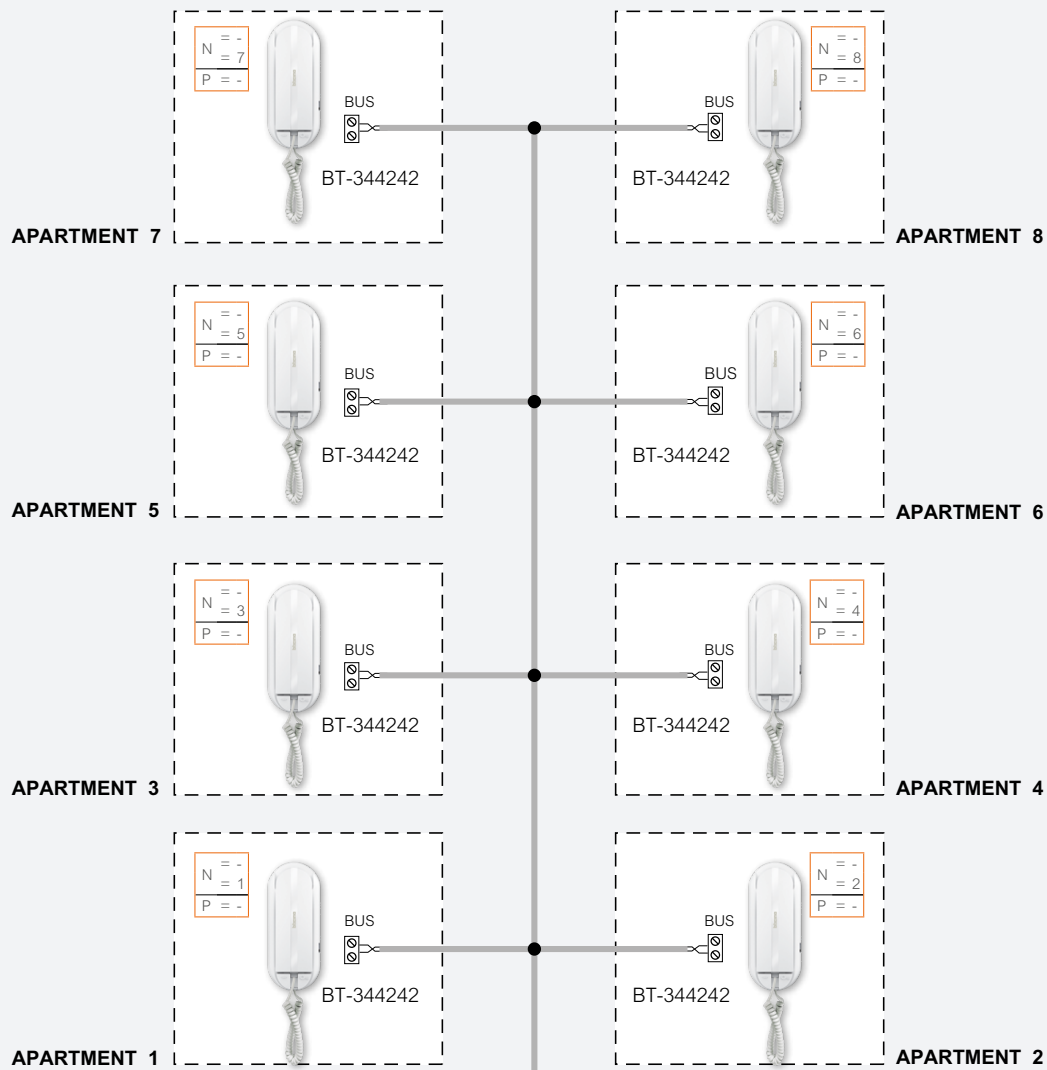
Video system

Example of multi-family video system

APARTMENT 18

ON
BT-344652

N	= 1
	= 8
P	= –
	= –
M	= –

BUS

APARTMENT 16

ON
BT-346841

P	= 1
	= 6
N	= –
	= –
M	= –

BUS
BT-344652

APARTMENT 2

ON
BT-346841

P	= –
	= 2
N	= –
	= –
M	= –

BUS
BT-344672

APARTMENT 1

ON
BT-346841

N	= –
	= 1
P	= –
	= –
M	= –

BUS
BT-344672

BT-351200

BT-352100

P	= –
	= –
N	= –
	= 1
S	= –
T	= –
M	= –
J1	= –
JMP	

BT-352100

Entrance panel

| BUS | 2 | 1 | PL | S+ | S- |

S

110 - 240 Va.c.

BT-346050
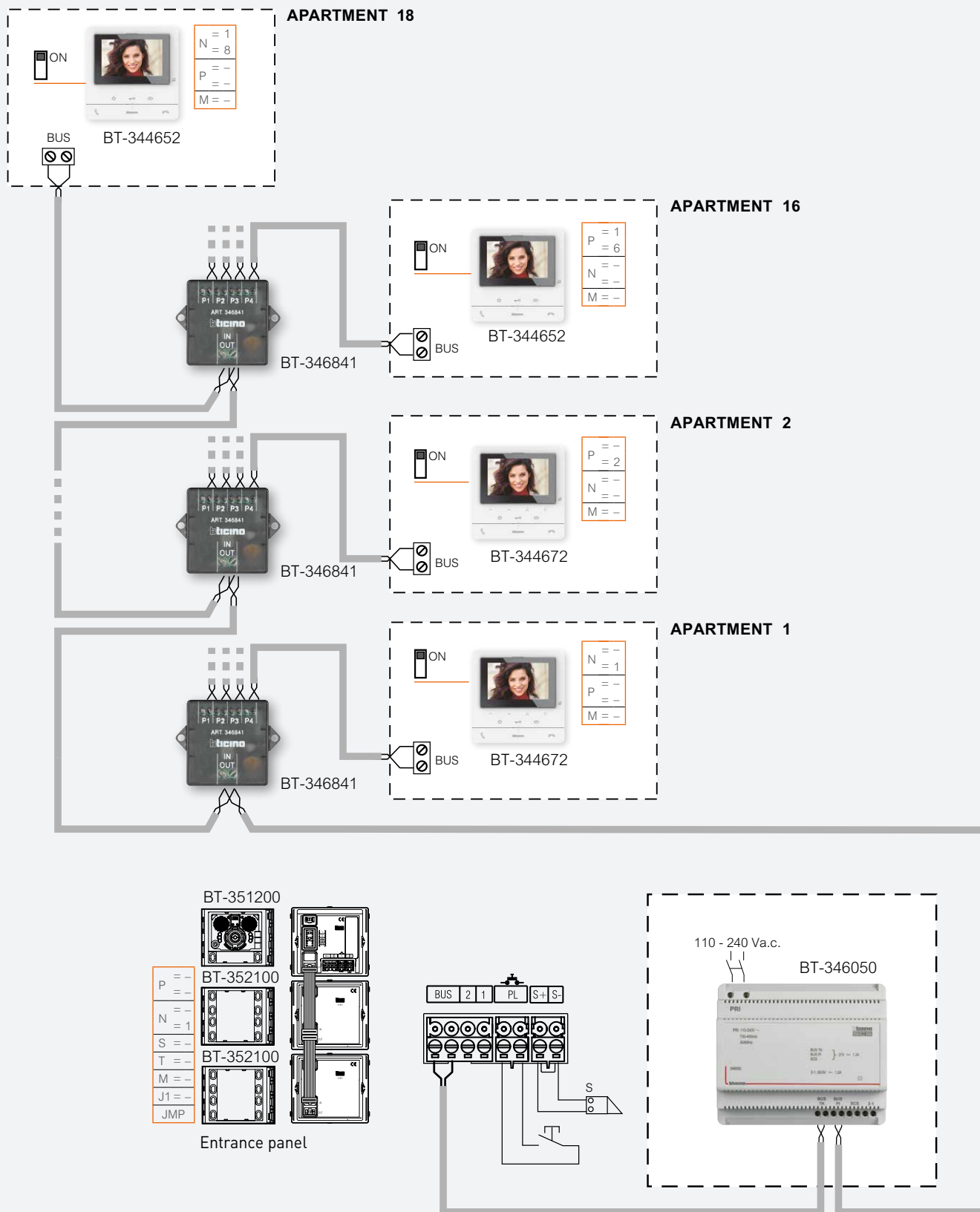
IP SYSTEM
Video door entry system
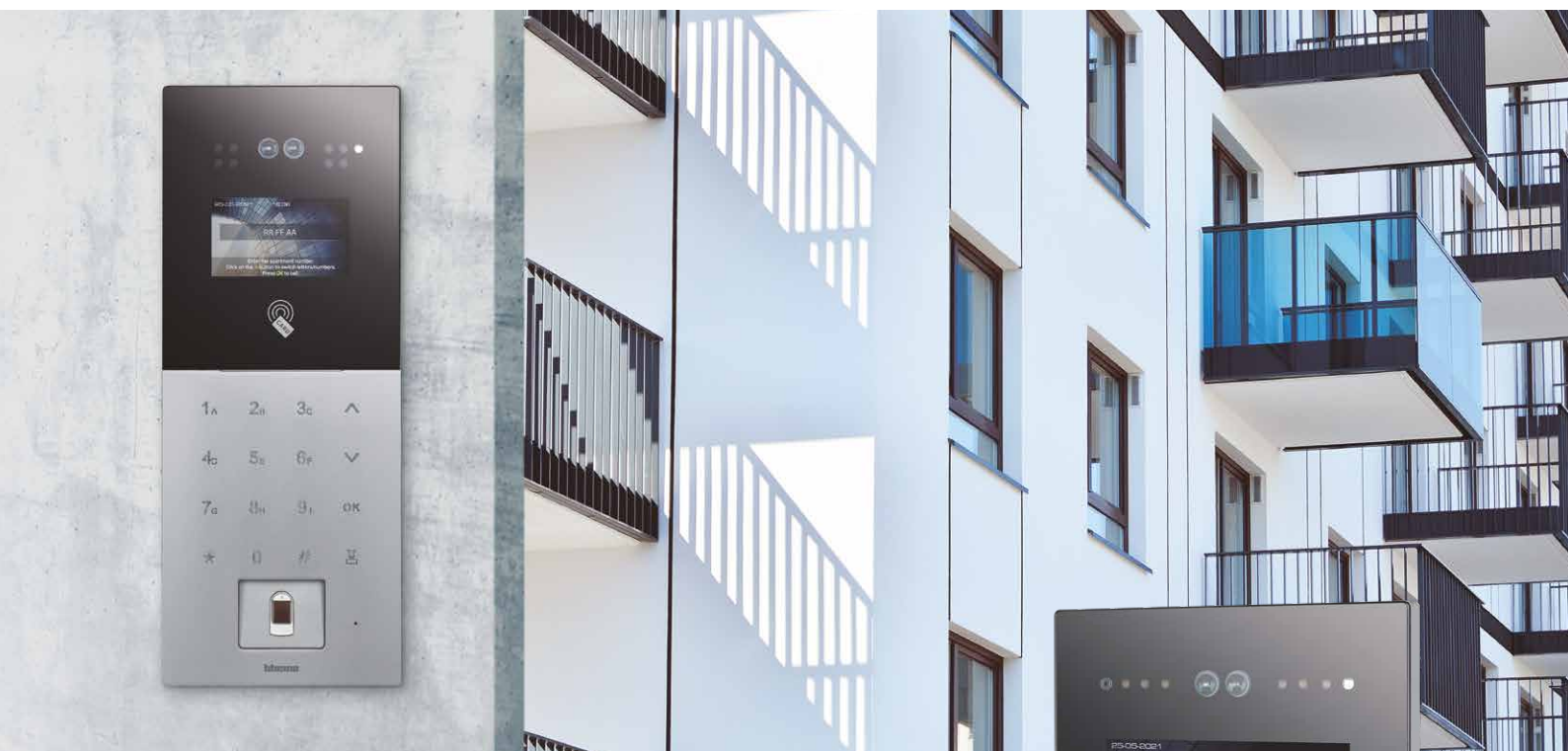
IP SYSTEM
FOR THE BEST
PERFORMANCE

The perfect solution for large residential complexes
with a high number of apartments, able to guarantee high
performance, long distances and high video signal quality.

reddot winner

The "Red Dot" is a highest design quality award. The international jury only awards this sought-after seal of approval to products of outstanding design.

Entrance panel

Video indoor unit

Guard station

Wide range of products with flexible and scalable solutions to satisfy every building needs.

MAIN PERFORMANCES AND FUNCTIONALITIES

Multichannel: for simultaneous conversations (no busy lines);

High definition video quality: up to 1280 x 720;

Technology: IP protocol (SIP/TCP);

Cables: FTP and UTP (CAT5 - CAT5E - CAT6) - Fiber optic

Configuration: easy and quick configuration with dedicated software;

Integration: Onvif IP Cameras, Lift control, Alarm sensors;

App Home + Security: incoming calls answering and door locks activation by smartphone.

CALL THE APARTMENT ANY WAY YOU LIKE

1. STANDARD CALL
Area-Building-Riser
Floor-Apartment

2. ALPHANUMERIC CALL
Create codes
with numbers and letters

3. ADDRESSBOOK
With contact list
(touch displays only)

ACCESS THE BUILDING
IN SEVERAL WAYS

FACE RECOGNITION

FINGERPRINT

RFID CARD AND BADGE
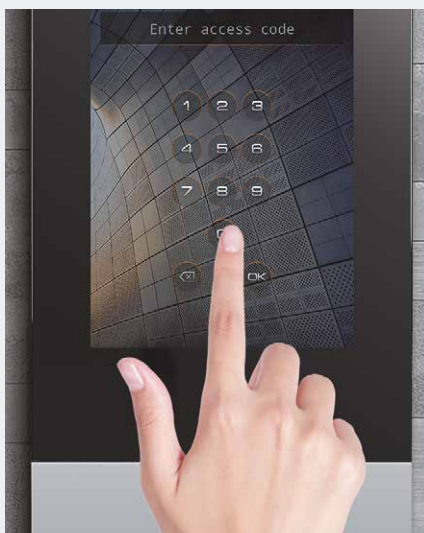
ACCESS CODE
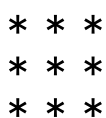
SMARTPHONE
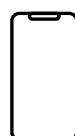
ALWAYS AWARE WITH THE **HOME + SECURITY APP**

THE BEST APP FOR A SAFE HOME
Alerts and notifications for incoming calls, motion and people detection, event information and door lock management with a simple and intuitive interface.

IP SYSTEM
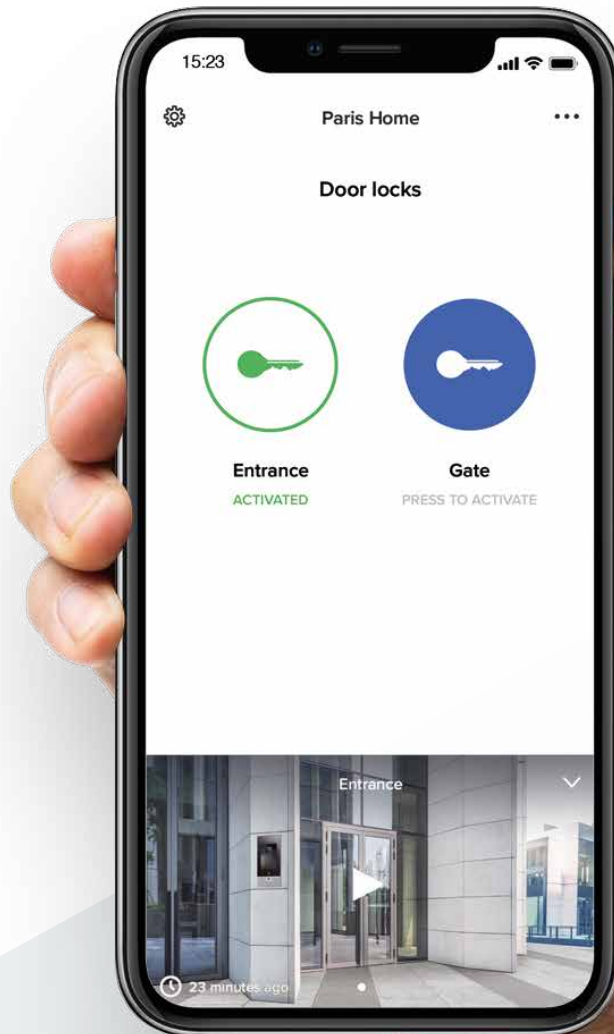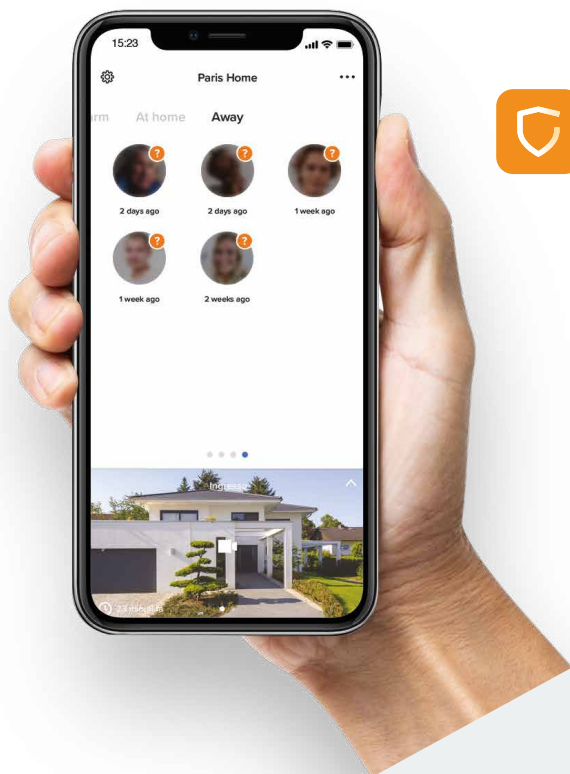
Home + Security
The best App for a safe home.
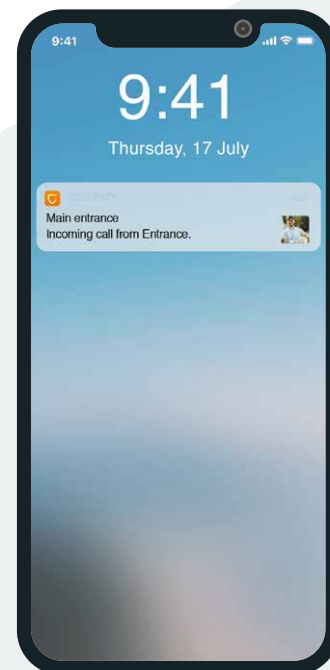
INCOMING CALL
Receive notification
when someone is calling
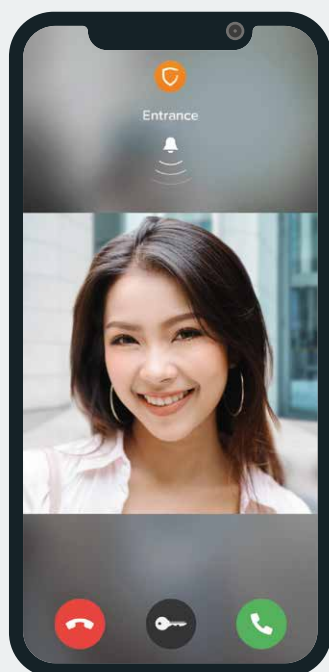
SEE WHO'S CALLING
Answer the call and
open the gate for the
courier
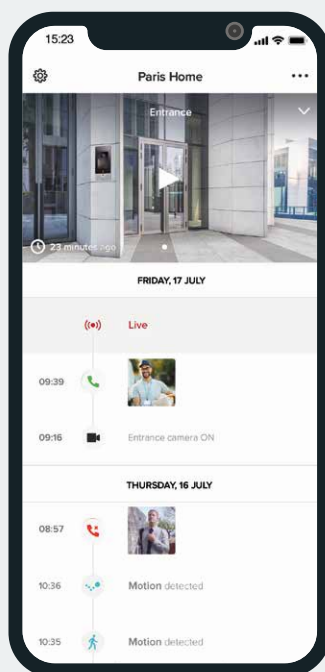
CHECK THE EVENTS
Check who called you
and if they left you
a message
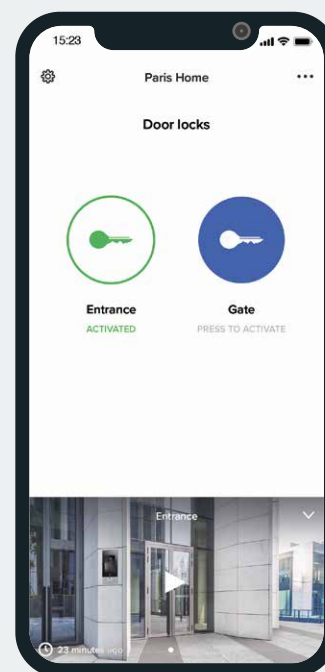
QUICK ACTIONS
- Activate the electrical door locks
- Call home / Intercom
- Activate the cameras
- Manage the answering machine

INTEGRATIONS

INTEGRATION WITH ONVIF IP CAMERAS
From the Guard Station it is possible to monitor all the common area IP cameras, while from the indoor units, the resident can monitor private and common area IP cameras.

GUARD STATION

INDOOR UNIT

INTEGRATION WITH LIFT CONTROL

Thanks to the access control function, visitors are taken directly to the floor of the called apartment while residents can call the lift from the indoor unit or when entering the building.

NOTE: integration to be performed through the Lift Control protocol translator and dedicated software.

IP SYSTEM
THE MAIN DEVICES

ENTRANCE PANELS	10inch TOUCH DISPLAY		4.3inch DISPLAY WITH KEYPAD		SMALL ENTRANCE PANELS		
	374000	374002	374001	374003	374004	374006	374005
Colour video	●	●	●	●	●	●	●
Finishes / Colours	Grey	Grey	Grey	Grey	Grey	Black	Grey
Flush mounted installation	With accessory BT-375007	With accessory BT-375007	With accessory BT-375006	With accessory BT-375006	With accessory BT-375008		With accessory BT-375009
Capacitive button call			●	●	●	●	
Touch display	●	●					●
Keypad			●	●			
Direct call to apartment	●	●			●	●	●
3D Face recognition	●		●				●
Fingerprint reader	●		●				
RFID Badge reader	●	●	●	●	●	●	●
Protection index	IP54	IP54	IP54	IP54	IP54	IP54	IP54
Protection index against mechanical impact	IK07	IK07	IK07	IK07	IK07	IK07	IK07

CATALOGUE
Entrance panels

| 374000 | 374002 | 374001 | 374003 | 374004 | 374006 | 374005 |

Item	Video ENTRANCE panels
374000	**Video entrance panel with 10" touch display, double face recognition camera, fingerprint reader and badge reader for access control functions.** From the touch display, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes: - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents - Address book with contact list Enter the settings menu with a specific code for maintenance and for managing the settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screensaver time). Possibility to upload customized screensavers and advertisements using the configuration software. The entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. **Flush mounted installation using the dedicated box (A)-375007.**
374002	**Video entrance panel with 10" touch display and badge reader for access control functions.** From the touch display, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes: - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents - Address book with contact list Enter the settings menu with a specific code for maintenance and for managing the settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screensaver time). Possibility to upload customized screensavers and advertisements using the configuration software. The entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. **Flush mounted installation using the dedicated box (A)-375007.**
374001	**Video entrance panel with 4.3" display, keypad with numbers and letters (A-I), double face recognition camera, fingerprint reader and badge reader for access control functions.** Using the keypad, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes: - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents Enter the settings menu with a specific code for maintenance and for managing the settings (e.g. backlight brightness, ring volume, speaker volume, button volume, screensaver time). Possibility to upload customized screensavers using the configuration software. The entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. **Flush mounted installation using the dedicated box (B)-375006.**

Item	Video ENTRANCE panels
374003	**Video entrance panel with 4.3" display, keypad with numbers and letters (A-I) and badge reader for access control functions.** Using the keypad, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes: - Apartment code (Area - Building - Riser - Floor - Apartment) - Resident's alphanumeric code Enter the settings menu with a specific code for maintenance and for managing the settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screen saver time). Possibility to upload customized screensavers and advertisements using the configuration software. The entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. **Flush mounted installation using the dedicated box (B)-375006.**
374004	**Small video entrance panel for indoor installation with badge reader and key for indoor unit and guard station calls.** The small video entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. **Flush mounted installation using the dedicated box (C)-375008.**
374005	**Small video entrance panel with 4.3" vertical touch display, face recognition and badge reader for access control functions.** From the touch display, it is possible to make calls to the apartments and the guard station and enter the access code to release the lock. Configuration of different calling modes: - Apartment code (Area - Building - Riser - Floor - Apartment) - Numeric or alphanumeric codes for residents - Address book with contact list Settings menu for maintenance and for managing settings (e.g. backlight brightness, ring volume, speaker volume, touch volume, screensaver time). Possibility to upload customized screensavers using the configuration software. This device can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. **Flush mounted installation using the dedicated box (D)-375009.**
374006	**Small video entrance panel** with RFID badge reader and key for indoor unit and guard station calls. The small video entrance panel can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted installation thanks to the support with rainshield included.

(A) - (B) - (C) - (D) - Correspondence with the specific flush-mounted box - see accessories page.

PREMIUM INDOOR UNITS	10inch TOUCH DISPLAY		7inch TOUCH DISPLAY	
	373001	373003	373002	373004
Touch screen colour video	●	●	●	●
Handsfree	●	●	●	●
Finishes / Colours	Grey	Grey	Grey	Grey
Display	LCD 10inch	LCD 10inch	LCD 7inch	LCD 7inch
Indoor camera	●		●	
Answering machine	●	●	●	●
Alarm management	●	●	●	●
SOS function	●	●	●	●
Door lock release	●	●	●	●
Entrance panel camera activation	●	●	●	●
Intercom	●	●	●	●
Integration with Home+Securityapp	●	●	●	●
Audio messages	●	●	●	●
Type of installation	Wall mounted	Wall mounted	Wall mounted	Wall mounted
Power supply	375005 375002	375005 375002	375005 375002	375005 375002

STANDARD INDOOR UNITS	7inch TOUCH DISPLAY			

	373005	373006	373007	373008
Touch screen colour video	●	●	●	●
Handsfree	●	●	●	●
Finishes / Colours	Black	Champagne Gold	Mirror	Black
Display	LCD 7inch	LCD 7inch	LCD 7inch	LCD 7inch
Indoor camera				
Answering machine	●	●	●	●
Alarm management	●	●	●	●
SOS function				
Door lock release	●	●	●	●
Entrance panel camera activation	●	●	●	●
Intercom	●	●	●	●
Integration with Home + Security app	●	●	●	●
Audio messages	●	●	●	●
Type of installation	Wall mounted	Wall mounted	Wall mounted	Wall mounted
Power supply	PoE 375002	PoE 375002	PoE 375002	Standard PoE +

373001

373002

373003

373004

Item	Video INDOOR unit
373001	**10" touch display premium indoor unit with internal camera and SOS pushbutton.** From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages form the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted using the supplied bracket.
373002	**7" touch display premium indoor unit with internal camera and SOS pushbutton.** From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages form the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted using the supplied bracket.

Item	Video INDOOR unit
373003	**10" touch display premium indoor unit with SOS pushbutton.** From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages form the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted using the supplied bracket.
373004	**7" touch display premium indoor unit with SOS pushbutton.** From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages form the guard station, adjust the settings (e.g. brightness, screensaver, backgrounds and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted using the supplied bracket.

Standard indoor units

373005

373006

373007

373008

Item	Video INDOOR unit
373005	**7" touch display standard indoor unit, black finishing.** From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages form the guard station, adjust the settings (e.g. brightness and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted using the supplied bracket.
373006	**7" touch display standard indoor unit, champagne gold finishing.** From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages form the guard station, adjust the settings (e.g. brightness and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted using the supplied bracket.

Item	Video INDOOR unit
373007	**7" touch display standard indoor unit, mirror finishing.** From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages form the guard station, adjust the settings (e.g. brightness and ringtone) and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif IP cameras allows to view the IP cameras of the apartment and the common areas from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The indoor unit can be PoE (power over Ethernet) powered, or directly powered using power supply 375005. Wall mounted using the supplied bracket.
373008	**7" PoE powered standard indoor unit, black finish** From the touch display, it is possible to answer the call, open the lock, call the other apartments and the guard station, view call and alarm logs, leave audio messages, receive messages form the guard station, adjust the settings (e.g. brightness and ring tone), and view date/time information. Alarm management can be easily integrated thanks to 8 pre-arranged dedicated contacts. The integration with the Onvif CCTV IP cameras allows to view the IP cameras of the apartment and the common area from the indoor unit. The specific integration also allows control of the lift. It is possible to associate the video indoor unit to the Home + Security App (available for Android and iOS). The App allows to use functions such as: receiving calls, door lock release, display of the event timeline and activation of the entrance panel. With the Home + Security App, it is also possible to manage the products of the Netatmo Security range (outdoor and indoor cameras, door and window sensors, indoor siren, smoke detector). This allows you to quickly and easily create a Smart security system. The indoor unit is 48V PoE (power over Ethernet) powered. Wall mounted using the supplied bracket.

375000	375001	348200	348201	348202	348203	348204	348205	348206

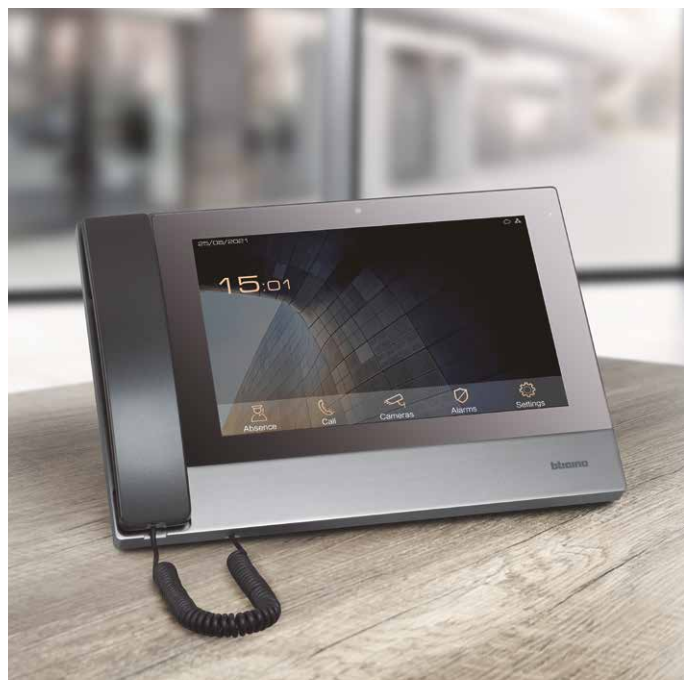| Item	
	Guard station
375000	**Guard station with 10" touch display and handset.** From the touch display, it is possible to: answer and transfer calls, view call logs, release the locks, monitor IP cameras installed in common areas, monitor and process alarms. From the setting menu, it is possible to adjust the guard station settings, like volume and display brightness, and carry out functionality and network tests. Quick and scheduled absence can be activated to transfer the call to another guard station or to apartments if needed. The guard station can be PoE (power over Ethernet) powered, or directly powered using power supply 375005.
	Accessories
375001	**Server DES (Door Entry System) including configuration and management software** must be installed in the building under the VLAN network of the IP door entry system. The configuration software must be used to create, configure and update the entire installation. The software can be used to create the topology; entrance panels, guard station and indoor units are associated to the corresponding position in an easy and quick way using a scan tool. It also allows the programming of access control tools such as: RFID badges, card, fingerprint and face recognition. The software is also used to: program access control for new residents, view alarm logs, send messages to indoor units, upload advertisements and screensavers and synchronize time/date details on all devices.
375003	**Reader for programming card and badges for building access control.** Compatible with RFID badges 348200 to ..06 available in different colors. Programming and associating badges to residents requires the use of the configuration software.
375004	**Reader for programming fingerprints for building access control.** Registering and associating the residents' fingerprints requires the use of the configuration software.

	Transponder badge keys	Pack
348200	● Black	10
348201	● Red	10
348202	● Green	10
348203	● Blue	10
348204	● Orange	10
348205	● Grey	10
348206	● Yellow	10

Accessories

375002   375005   375006   375007   375008   375009

Item	Accessories
375002	**PoE (Power over Ethernet) switch** with 10 / 100 Mbps, 8 PoE ports and 1 non-POE port uplink and 24 V-100 W power supply. The PoE port is used for network communication and as power supply. DIN mounted installation (Total of 14 DIN modules).
375005	**Power supply 100 W** with metal box; can be operate as an auxiliary power supply. Protected against short circuits: in case of DC output short circuit, the device will switch to protected mode. Wall mounted installation.
375006	**(B) Metal box for video entrance panel** with 4.3" display and keypad, flush mounted installation. Compatible with Cat.No: - 374001 video entrance panel with 4.3" display and keypad, with face recognition and fingerprint - 374003 video entrance panel with 4.3" display and keypad
375007	**(A) Metal box for video entrance panel** with 10" touch display, flush mounted installation. Compatible with Cat.No: - 374000 video entrance panel with 10" touch display with face recognition and fingerprint - 374002 video entrance panel with 10" touch display
375008	**(C) Metal box for small video entrance panel** flush mounted installation. Compatible with Cat.No: 374004
375009	**(D) Metal box for small video entrance panel** with 4.3" vertical touch display, flush mounted installation. Compatible with Cat.No: 374005
375010	**Lift control interface with protocol translator** to integrate lift function in IP door entry system. The configuration is completed using a dedicate software, the interface is connected via RS 485 cable to the entrance panel and the lift.
375011	**USB key to be inserted on DES Server 375001** to enable face registration and to provide access mode for face recognition in the installation. At least one of the following devices must be present in the installation: external pushbutton panel with 10"touch display with face recognition and fingerprint (374000), external pushbutton panel with keyboard, facial recognition and fingerprint (374001) or Small pushbutton panel with 4.3 "touch display (374005).
SP111	**Plug-in power supply for IP server 375001.** Input 100 240 Vac @ 50 60 Hz. Output 19 Vdc. Length of connection cable with IP server = 1200 mm

Item	Accessories
375012	**PoE converter** for BTicino IP DES devices with 24 V PoE to be installed in standard PoE + network.
375013	**Lift control interface** with 8 relay to integrate the IP DES with the building elevator system in order to enable the lift call after the resident answer the call and open the gate. The configuration is made directly in IP DES configuration tool included in Server DES 375001. NOTE : INSTALLATION AND CONNECTIONS MUST BE ALWAYS PERFORMED ACCORDINGLY TO THE ELEVATOR TYPE.

(A) - (B) - (C) - (D) - Correspondence with the related entrance panels - see entrance panels page.

IP SYSTEM
WIRING DIAGRAM EXAMPLE
System architecture

LAN Ethernet

LAN PoE BTicino

LAN PoE Standard

ONVIF IP cameras

**Apartment X
Building 1**

**Apartment 2
Building 1**

See note (*)

Standard PoE switch

**Apartment 1
Building 1**

See note (*)

**LAN PoE BTicino
Building 1**

**LAN PoE BTicino
Building XX**

**Entrance panel + Guard station
Building 1**

See note (*)

**PoE Switch BTicino
Building 1**

100-240 Va.c.

**PoE Switch BTicino
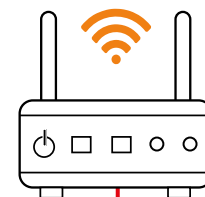Building XX**
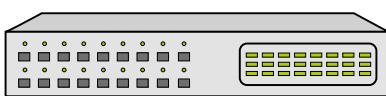

100-240 Va.c.

UP LINK

UP LINK

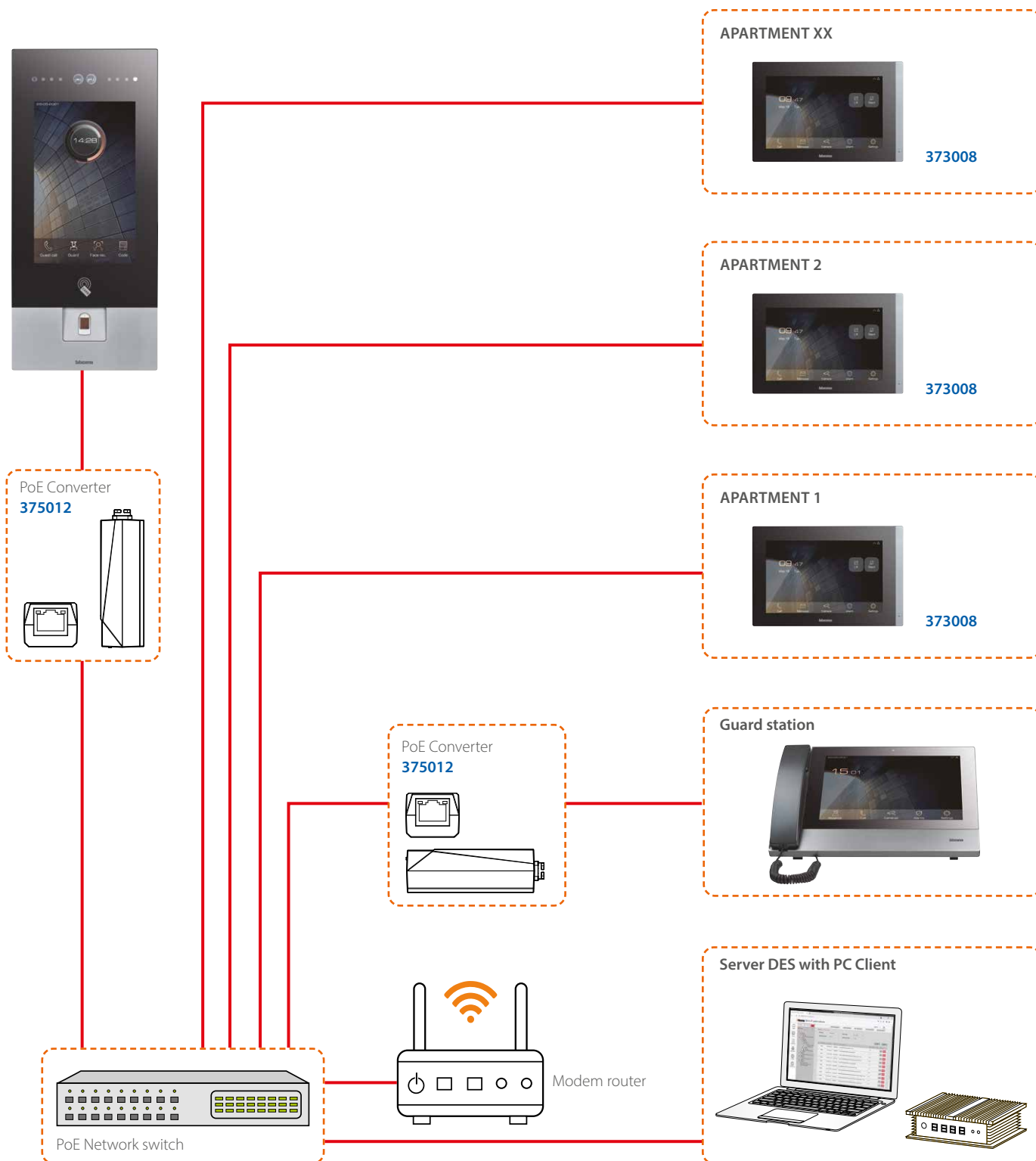**Server DES with PC Client**

INTERNET

Modem router

Network switch

note (*): provide a PoE LAN cable for each BTicino device.

Standard PoE + compatibility

- Indoor unit 373008 natively compatible with standard PoE+
  (RJ45 10/100 Base T - IEEE 802.3at POE 44 V-57 V)
- For all other devices it is possible to use PoE converter
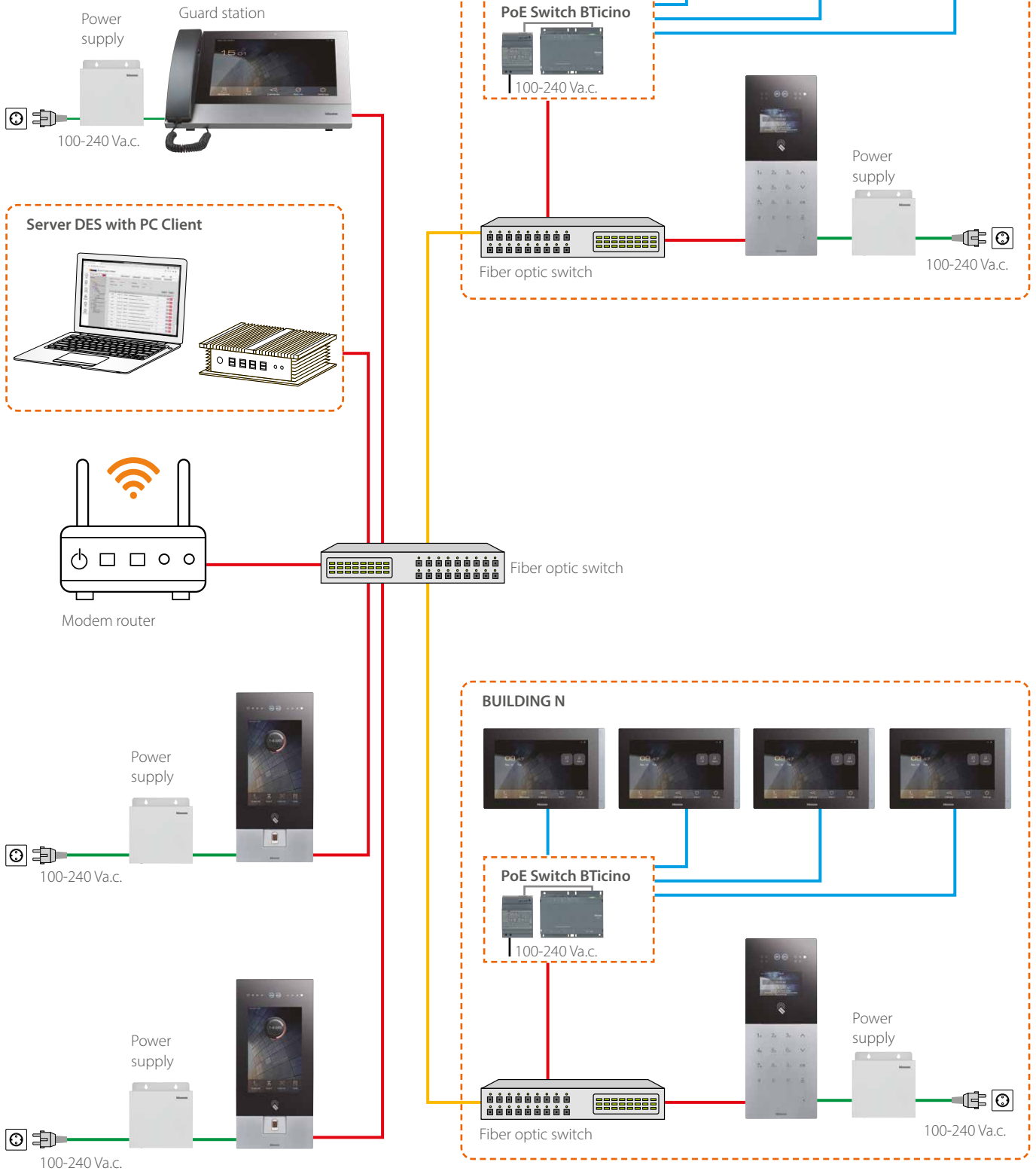 accessory 375012.

LAN Ethernet

APARTMENT XX

373008

APARTMENT 2

373008

PoE Converter
375012

APARTMENT 1

373008

PoE Converter
375012

Guard station

Modem router

Server DES with PC Client

PoE Network switch

note (*): provide a PoE LAN cable for each BTicino device.

WWW.BTICINO.COM

IP SYSTEM
WIRING DIAGRAM EXAMPLE
Fiber optic riser connection

Fiber optic

LAN Ethernet

LAN PoE BTicino

2 x Copper cables

Power supply

Guard station

100-240 Va.c.

Server DES with PC Client

Modem router

Power supply

100-240 Va.c.

Power supply

100-240 Va.c.

BUILDING 1

PoE Switch BTicino

100-240 Va.c.

Power supply

Fiber optic switch

100-240 Va.c.

Fiber optic switch

BUILDING N

PoE Switch BTicino

100-240 Va.c.

Power supply
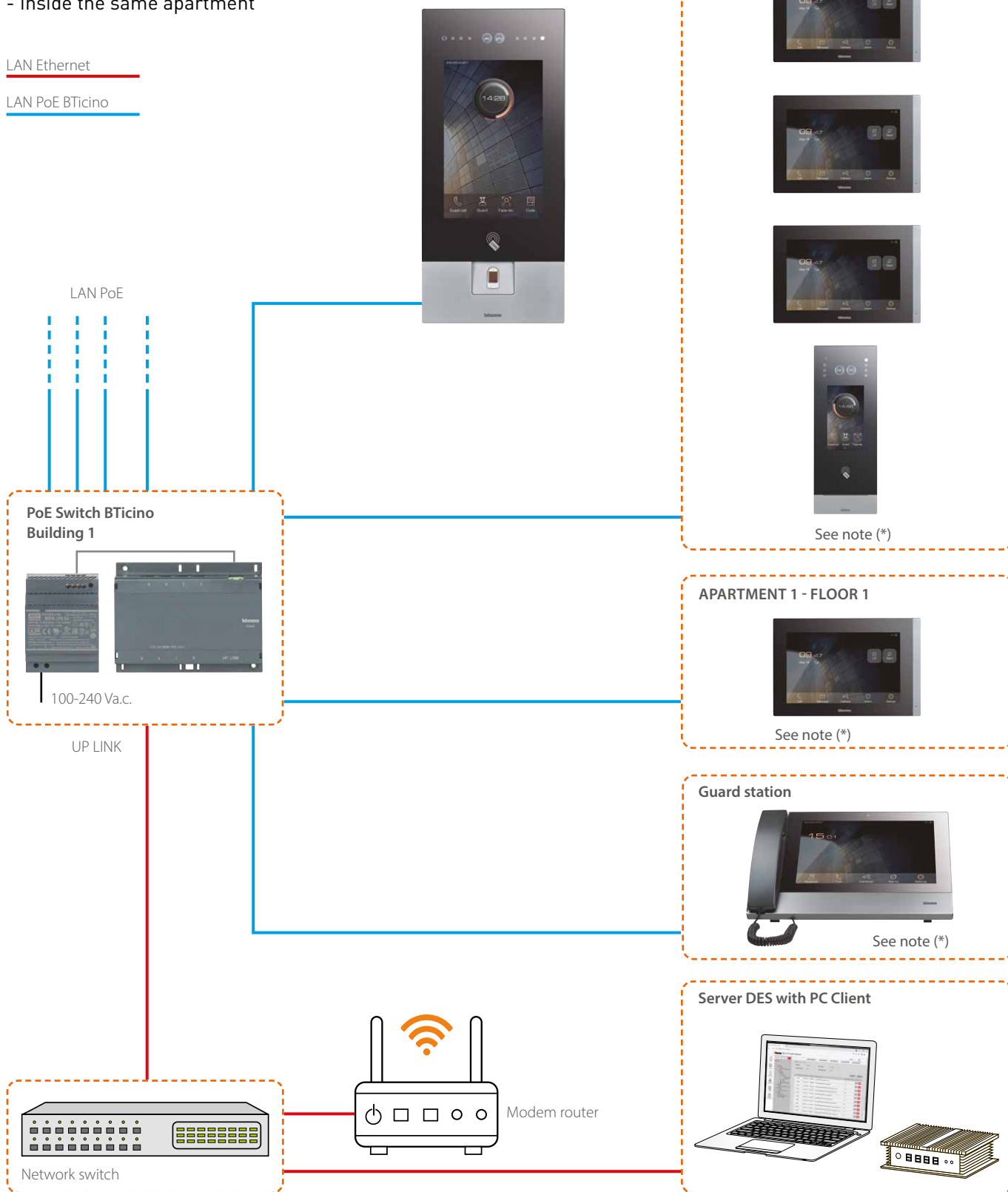
Fiber optic switch

100-240 Va.c.

Intercom function

INTERCOM FUNCTIONS

audio intercom between indoor units:
- of different apartments
  (same building or different buildings)
- inside the same apartment

LAN Ethernet

LAN PoE BTicino

LAN PoE

PoE Switch BTicino Building 1

100-240 Va.c.

UP LINK

Network switch

Modem router

APARTMENT 2 - FLOOR 1

See note (*)

APARTMENT 1 - FLOOR 1

See note (*)

Guard station

See note (*)

Server DES with PC Client

note (*): provide a PoE LAN cable for each BTicino device.
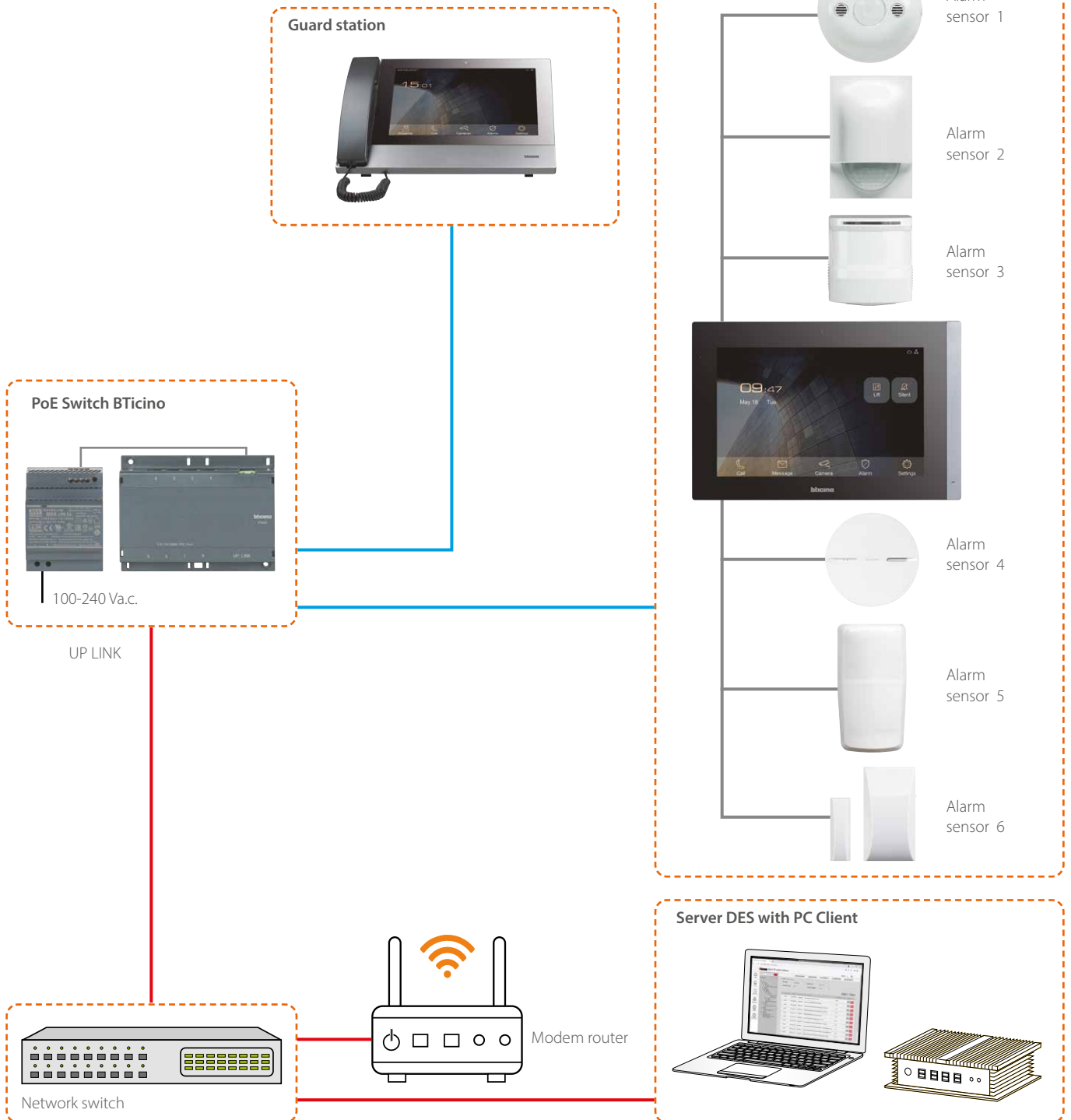
IP SYSTEM
WIRING DIAGRAM EXAMPLE
Alarms integration

ALARM FUNCTIONS

The guard station receives all the alarm notification messages, including the SOS alerts coming from the indoor units.
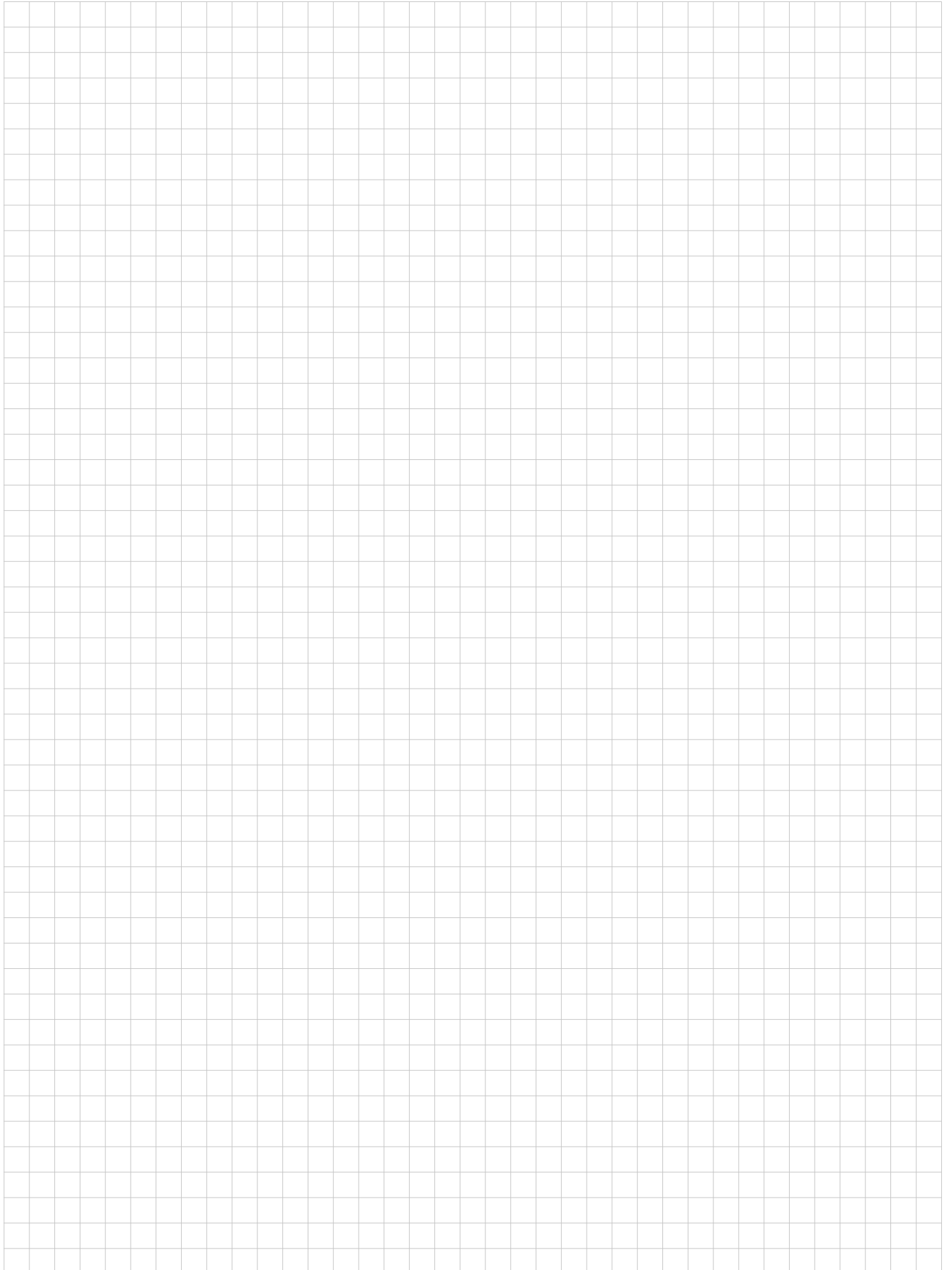
LAN Ethernet

LAN PoE BTicino

Guard station

PoE Switch BTicino

100-240 Va.c.

UP LINK

Modem router

Network switch

EXAMPLE OF ALARM SENSORS

(Up to a maximum of 8 alarm sensors):
- Volumetric
- Door contact
- Window contact
- CO Sensor
- Flood sensor
- Smoke sensor
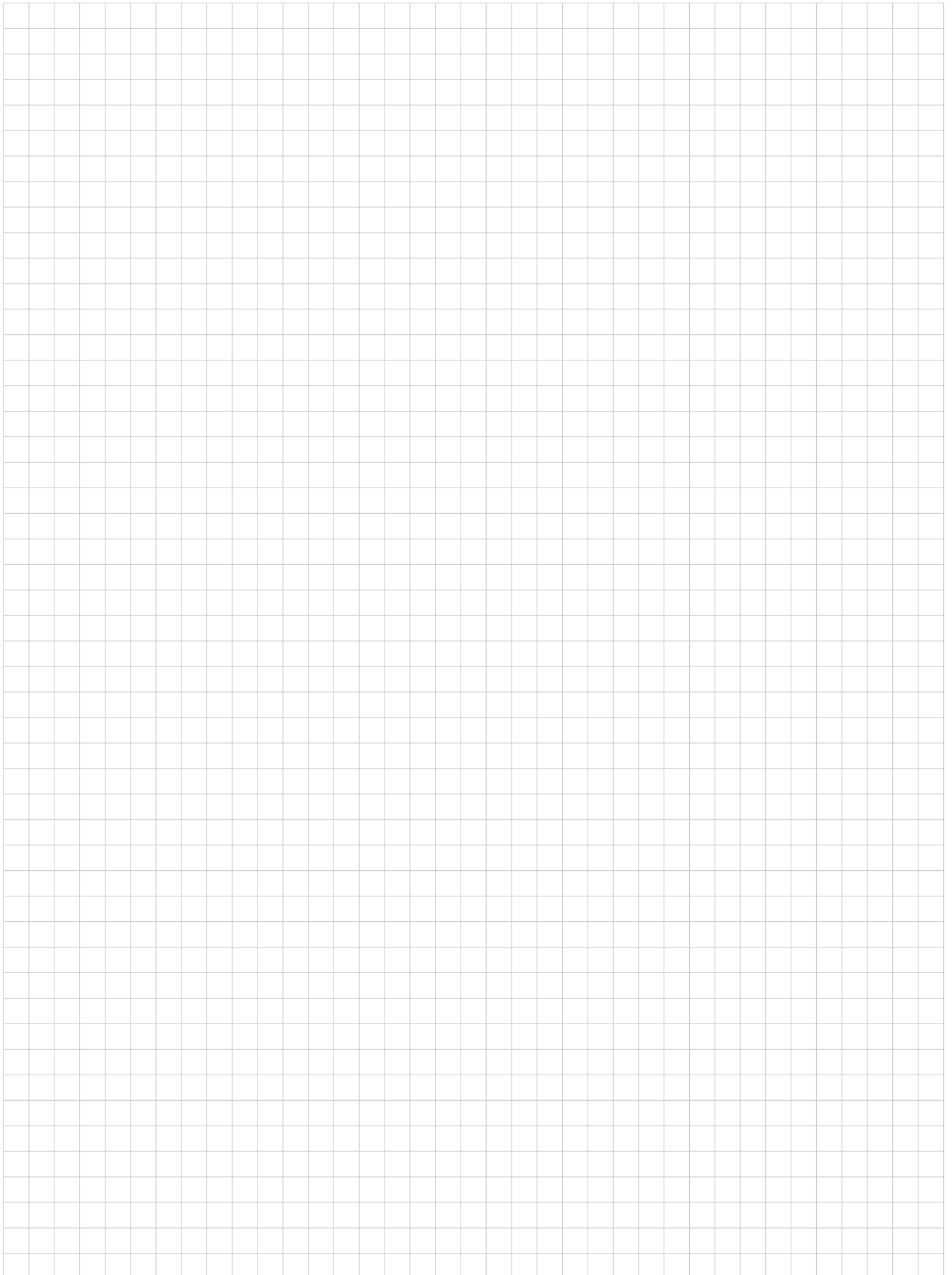
Alarm sensor 1

Alarm sensor 2

Alarm sensor 3

Alarm sensor 4

Alarm sensor 5

Alarm sensor 6

Server DES with PC Client

NOTE

NOTE

bticino

A Group brand | **legrand**