

D45 SYSTEM OFFER



CATALOGUE

2013

bticino





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The high performance system offer

D45 SYSTEM simplifies installation in residential complexes with large numbers of apartments. The use of UTP cables and RJ45 connections for all the devices provides quick, easy installation for both backbone and riser devices. The system is suitable for the varied requirements of systems of different sizes on risers or TCP/IP networks, ensuring maximum cost saving.



Complexes with large numbers of apartments



ANTI-TAMPER FUNCTION ON ALL INDOOR HANDSETS

POSSIBILITY TO CONNECT AN ADDITIONAL CAMERA TO THE SWITCHBOARD

INTERCOM BETWEEN ALL THE APARTMENT OF THE RISER

SOS PUSHBUTTON ON ALL INDOOR HANDSETS

HIGH PERFORMANCE



INSTALLATION OF UP TO:	
4000	Apartments
800	Handsets per riser
80	Entrance panels per riser
16	Switchboards
100	Riser shunts
1 km	Distance for colour video installation
2 km	Distance for B/W video installation



AUDIO INTERCOM BETWEEN APARTMENTS



Switchboard operation as a comprehensive alarm management device: alarm receipt, recording and storage functions.



ENTRANCE PANEL OVERVIEW

Three different entrance panels to meet to different needs:

DIGITAL CALL ENTRANCE PANEL

Digital call keypad for large buildings

- numeric or alphanumeric code
- access control function
 - open the door with a code number
 - one configurable code per family
- direct call to switchboard
- zama finish guarantees high resistance
- IP54 protection index
- flush mounted (box sold with entrance panel)
- possibility of use in conjunction with name plate module
- software configuration
- call list addresses



PUSHBUTTON CALL ENTRANCE PANEL

Call pushbutton calls for large buildings

- same design as the digital call version
- 10 and 20 pushbutton models
- 16 and 32 pushbutton extension panel models
- easy name label replacement
- IP54 protection index
- flush mounted installation



SINGLE CALL ENTRANCE PANEL

Single pushbutton call suitable for:

- ONE-FAMILY system
- private entrance panel in multi-family system
- aluminium alloy panel
- IP54 protection degree
- wall mounted installation



INTERNAL UNIT OVERVIEW

Different models of internal units to cover all the market segments, from audio to colour video solutions, from basic to innovative functions :

VIDEO OFFER B/W AND COLOUR VIDEO INTERNAL UNITS

- wall mounting installation
- SOS pushbutton
- INTERCOM
- direct call to the switchboard
- door lock pushbutton
- direct integration with alarm sensors



Top level 7" wide screen
colour handsfree



Standard level 5.6"
- colour handsfree

NEW



Standard level 3.5"
colour handsfree

NEW



Entry level 3.5"
colour handsfree



B/W handset



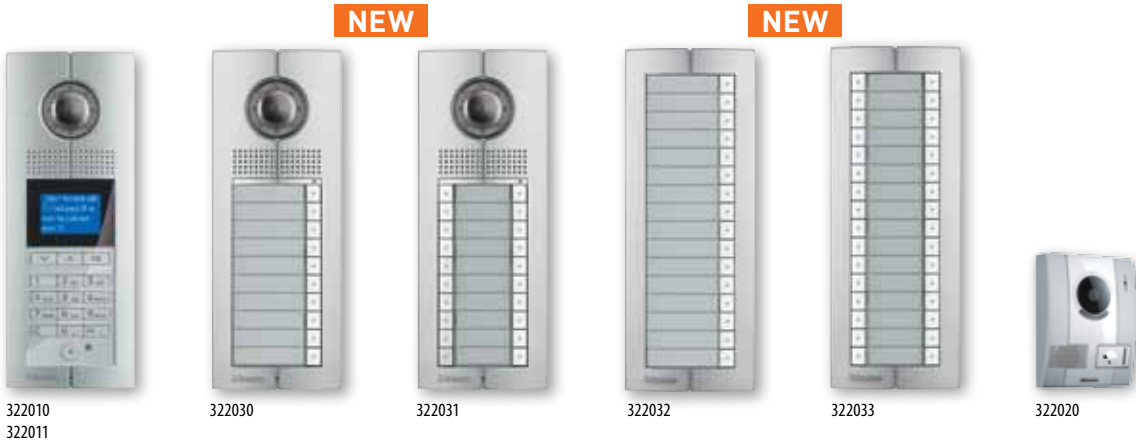
B/W handsfree

AUDIO OFFER AUDIO HANDSET

- wall mounted installation
- door lock pushbutton
- direct call to the switchboard
- external SOS pushbutton option



ENTRANCE PANEL CATALOGUE



Item	DIGITAL CALL COLOUR ENTRANCE PANEL
322010	Zamak digital call entrance panel with keyboard, LCD display and colour camera. Equipped with door lock release and burglar alarm notification. Configuration screen menu and software upgrade without the need to dismantle the device. Flush mounted installation (flush mounted box sold with the entrance panel). Protection index : IP54
322011*	Same as 322010 but with addresses list

Item	NAMEPLATE MODULE
322012*	Zamak nameplate module to install at the side of the digital call entrance panel 322011 to insert the list of residents or customised messages. Easy insertion / replacement of nameplates. Flush mounted installation (flush mounted box sold with the module). Protection index : IP54

Item	PUSHBUTTON CALL COLOUR ENTRANCE PANELS
322030	Zamak pushbutton entrance panel with 10 call pushbuttons and colour camera. Flush mounted installation (flush mounted box sold with the entrance panel). Protection index : IP54
322031	Zamak pushbutton entrance panel with 20 call pushbuttons and colour camera. Flush mounted installation (flush mounted box sold with the entrance panel). Protection index : IP54

Item	ADDITIONAL PUSHBUTTON MODULE
322032	Additional Zamak pushbutton panel with 16 call pushbuttons on single column. Easy insertion / replacement of nameplates. Flush mounted installation (flush mounted box sold with the module). Protection index: IP54
322033	Additional Zamak pushbutton panel with 32 call pushbuttons on double column. Easy insertion / replacement of nameplates. Flush mounted installation (flush mounted box sold with the module). Protection index: IP54

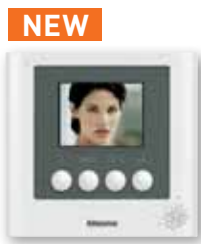
Item	SINGLE CALL SMALL ENTRANCE PANEL
322020	Aluminium alloy single call small entrance panel to be installed in one-family systems or as private entrance panel in multi-family systems. Touch-sensitive pushbutton for calling indoor handsets and direct conversation. Double verified intercom calls. Surface mounted device. Protection index : IP54.

* AVAILABLE SOON

INTERNAL UNIT CATALOGUE



322050



321060



321010



321011



321020



321030



322040

Item	HANDSFREE COLOUR INTERNAL UNITS
322050	Handsfree slim colour internal unit with alarm function, with 7" TFT LED backlit screen (16/9 format). Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device
321010	Handsfree colour internal unit with alarm function, with 5.6" TFT LED backlit screen (4/3 format). Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device
321011*	Handsfree colour internal unit with alarm function, with 3.5" TFT LED backlit screen. Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device
321060*	Handsfree colour internal unit with 3.5" TFT LED backlit screen. Equipped for standard VDE functions plus direct call to the switchboard and entrance panel camera activation. 12 different ringtones (available). Wall mounted device

* AVAILABLE SOON

Item	BLACK & WHITE INTERNAL UNIT
321020	Handsfree B/W internal unit with alarm function, with 3.5" CRT screen. Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device
321030	Handset B/W internal unit with alarm function, with 3.5" CRT screen. Equipped for standard VDE functions plus INTERCOM with other internal units, direct call to the switchboard, SOS pushbutton and possibility of direct connection with alarm sensors. 12 different ringtones (available). Wall mounted device

Item	AUDIO HANDSET INTERNAL UNIT
322040	Handset audio internal unit, equipped for standard DES functions plus INTERCOM with other internal unit and direct call to the switchboard. Possibility to connect an external SOS call switch. Wall mounted device

Item	SWITCHBOARD
323001	Table-top switchboard unit with high resolution 7" LCD display with graphic icons. Able to communicate with internal units, entrance panels and other devices. Manages incoming calls and alarms. Possibility to save up to 1000 calls and alarms and to directly connect an external COAX camera. Equipped with 12 shortcut pushbuttons for direct access of calls and services.

SYSTEM ACCESSORIES CATALOGUE



323002



323003



323005



323009

Item	SYSTEM ACCESSORIES
323002	<p>Floor shunt</p> <p>This is used to convert video signals on the BUS to transfer mode and then distribute them to the connected internal units. To be installed between floors. Each floor shunt can be connected to 4 internal units. DIN rail installation</p>
323003	<p>Riser shunt</p> <p>This is used to connect the riser BUS and system BUS in order to obtain BUS separation, transfer signals and switch between video and audio channels. The video transfer distance can be increased by setting the gain adjustment dip switch. DIN rail installation.</p>
323004	<p>Entrance panel video mixer</p> <p>This device can mix signals coming from 5 entrance panels. The video transfer distance can be adjusted by setting the gain adjustment dip switch. DIN rail installation.</p>
323005	<p>Power supply</p> <p>System power supply unit able to supply power on the data communication cable and simultaneously provide impedance matching for the audio channel. Protected against short circuits: in case of DC output short circuit, the device will switch to protected mode. Once the problem has been resolved, it will return to normal status automatically. Can also be set up to operate as an auxiliary power supply. Wall mounted installation.</p>
323007	<p>2-way video splitter</p> <p>This device splits the BUS signal into two channels where the video signal can only be transferred from input to output. It provides compensation to the two channels separately and adapts the video signal output from the entrance panel for different distances via settings. Mainly used in riser systems to divide the riser BUS into several channels to adapt the cabling. DIN rail installation.</p>
323008	<p>Basic apartment interface</p> <p>This device must be used in apartments with 2 or 3 internal units. The interface must be installed between the floor shunt (323002) and the internal units. DIN rail installation.</p>

Item	SYSTEM ACCESSORIES
323009	<p>Apartment interface</p> <p>Device used to expand the number of internal units and add a Small entrance panel. Each device can connect 5 internal units and 1 entrance panel, providing the intercom function and call or monitor function of the entrance panel. DIN rail installation.</p>
323010	<p>Auxiliary power supply</p> <p>Auxiliary power supply protected against short circuits: in case of DC output short circuit, the device will switch to protected mode. Once the problem has been resolved, it will return to normal status automatically. Wall mount installation.</p>
323011	<p>D45/IP interface</p> <p>This is an IP interface which can be connected to the D45 SYSTEM and BTicino 2 wire/IP System in order to create mixed installations. DIN rail installation.</p>
323012	<p>IP management switchboard software</p> <p>The integrated IP management software can provide the communication for calls between internal units and the switchboard.</p>
323013	<p>District generator</p> <p>This device is the district hub which can be connected to 4 riser shunts (323003), one entrance panel, one switchboard and one system power supply. It enables a large network to be created. This device controls and changes video channels and provides amplifying compensation for video signals. DIN rail installation.</p>
323015	<p>Door lock accessory</p> <p>This device is used to operate electric door locks, particularly the commonly used 12 V cathode locks. When the opening current of an anode lock is over 1 A, this device is also required to operate anode locks. It is generally connected to the EP to obtain the door lock release control signal. It is also possible to open door locks by means of external manual switches. You can select the type of electric door lock release via the jumper configuration line. DIN rail installation.</p>
323016	<p>House shunt</p> <p>This device can distribute video, audio and data signals from the BUS to the floor shunt (323002) connected to it, so that the signals from the BUS unit can reach the maximum distance of 200 metres, to meet specific domestic requirements. The device should be installed in the low voltage subscriber unit in the house. DIN rail installation.</p>



323012



323013



323016



346858



323023

Item	SYSTEM ACCESSORIES
323017*	<p>Lift control interface</p> <p>Device for integrating the D45 system with the elevator system. Possibility to manage the elevator directly from the internal unit</p>
323018	<p>EP/Switchboard shunt</p> <p>DIN device used to connect the entrance panel and the switchboard to the system. The device automatically switches over the video channels. DIN rail installation.</p>
323019	<p>System expansion interface</p> <p>Device used to extend the riser system when the number of internal units installed on the riser exceeds the limit of 400. The interface can increase this limit to 800 handsets. This device is also used to adjust the video gains and improve video transmission quality. DIN rail installation.</p>
323020	<p>Configuration tool</p> <p>Configuration kit consisting of:</p> <ul style="list-style-type: none"> - SF2 configuration software - Tool interface - Serial extension cable - Flat cable
323023	<p>Small entrance panel video mixer</p> <p>Interface for the installation of several small entrance panels for each internal unit or for each apartment. The accessory permits to install 4 small entrance panels. By using more than one accessory in series, it's possible to install more than 4 entrance panels.</p>
346858	<p>D45 to BTicino 2 wire interface</p> <p>This is a switch-over interface that makes it possible to install the BTicino 2 wire door entry system inside the apartment. DIN rail installation.</p>

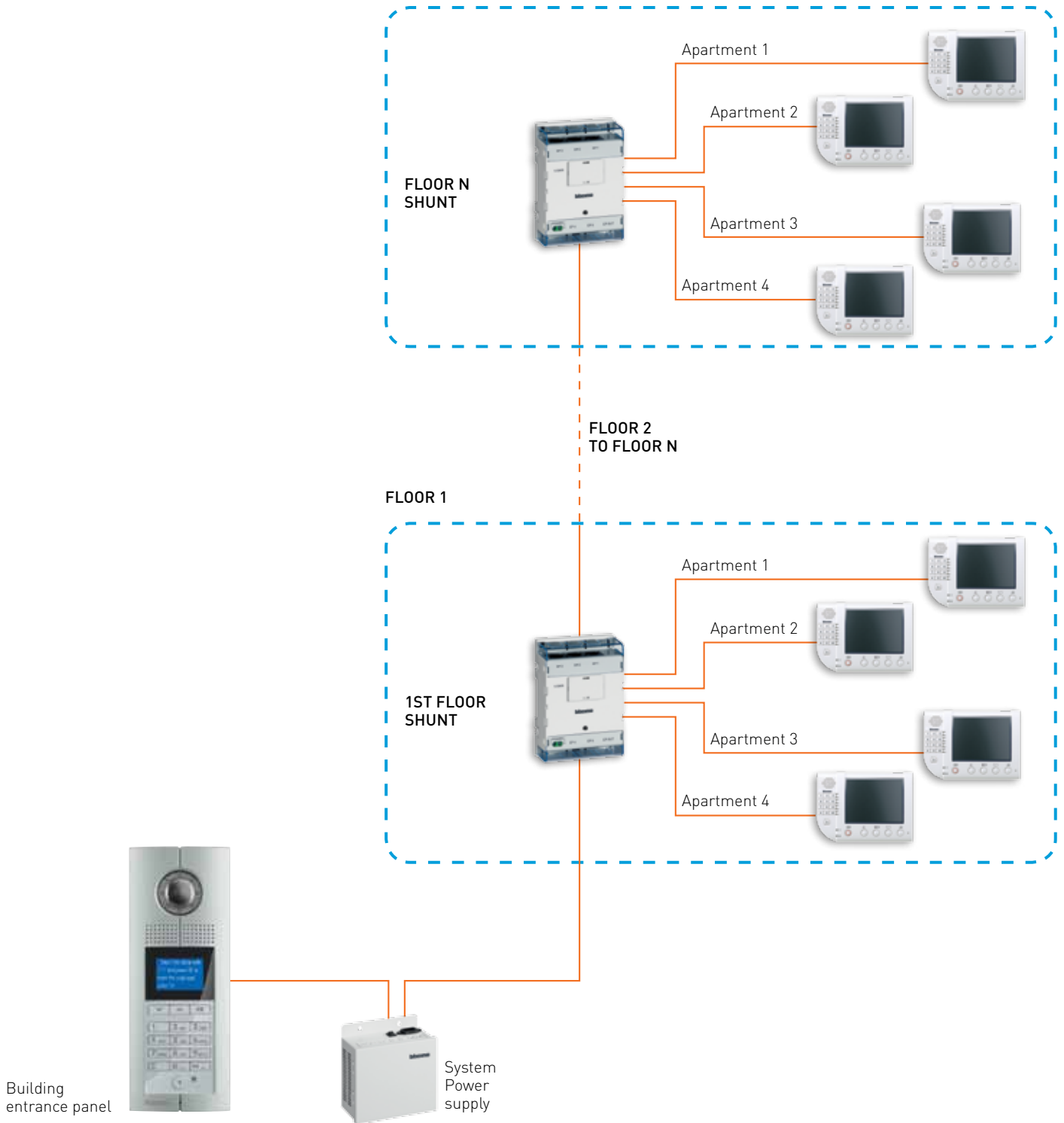
* AVAILABLE SOON

Item	SYSTEM ACCESSORIES
3501K	<p>Configurator kit consisting of:</p> <ul style="list-style-type: none"> - 10 of each type of configurator (from 0 to 9) - 2 green removable clamp connectors - 1 configurator insertion clamp - 1 plastic screwdriver
3501/0	Configurator 0 (pack of 10)
3501/1	Configurator 1 (pack of 10)
3501/2	Configurator 2 (pack of 10)
3501/3	Configurator 3 (pack of 10)
3501/4	Configurator 4 (pack of 10)
3501/5	Configurator 5 (pack of 10)
3501/6	Configurator 6 (pack of 10)
3501/7	Configurator 7 (pack of 10)
3501/8	Configurator 8 (pack of 10)
3501/9	Configurator 9 (pack of 10)

WIRING DIAGRAM

Example of basic solution for multi-storey buildings

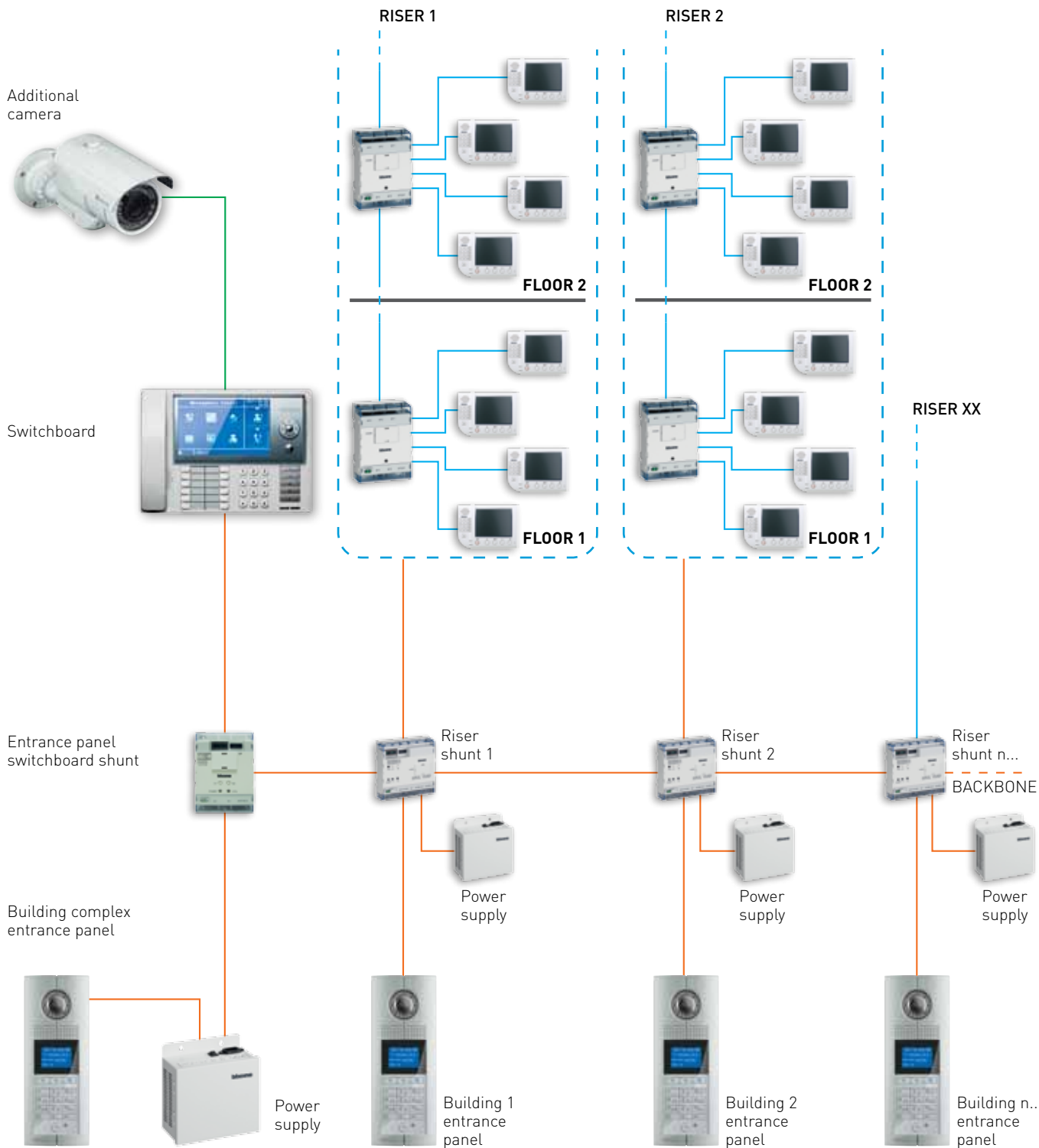
— CAT5 connection



Example of a building complex solution with 1 switchboard

— CAT5 connection

— COAX



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