BTICINO

www.bticino.com

IP DES - Small video entrance panel

374004

Description

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 375008.

Related items

375008   Metal box for small entrance panel

Technical data

|	
Voltage:	24 Vdc
Maximum consumption:	0.15 A
C NC NO contact output:	30Vdc 1A
Max. cable section for clamps:	0.8 mm^2
Operating temperature:	(- 40) – (+ 70) ℃
IP degree of protection:	54*
IK degree of protection:	07
Camera resolution:	1080 p
Camera viewing field angle:	H= 80°; V= 53°
Badge reader Frequency:	13.56 MHz
Badge reader transmission power:	< 42 dBuA/m @ 10m

* Only for indoor installation

Dimensional data
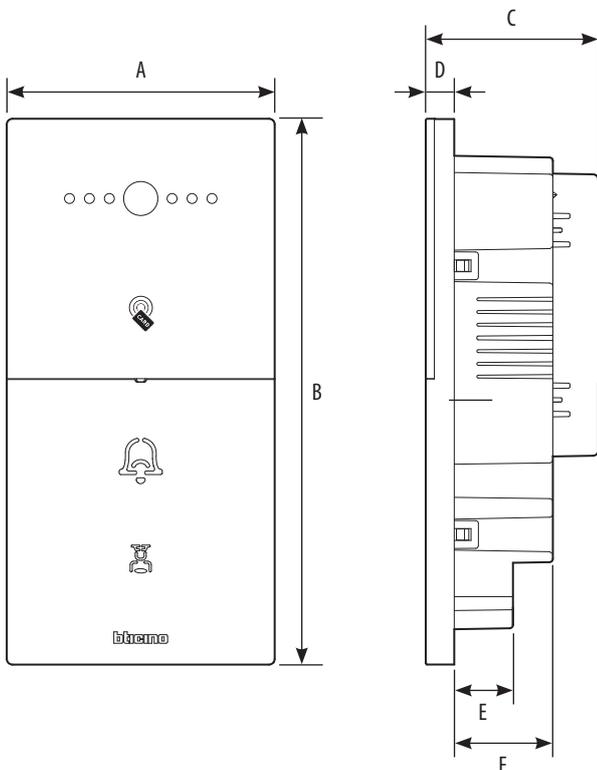
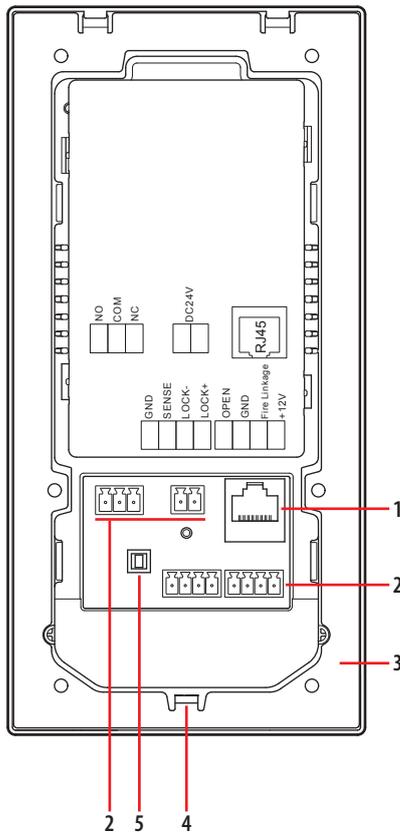| A	B	C	D	E	F
94 mm	193 mm	60.06 mm	10 mm	20.6 mm	34.6 mm

Front view
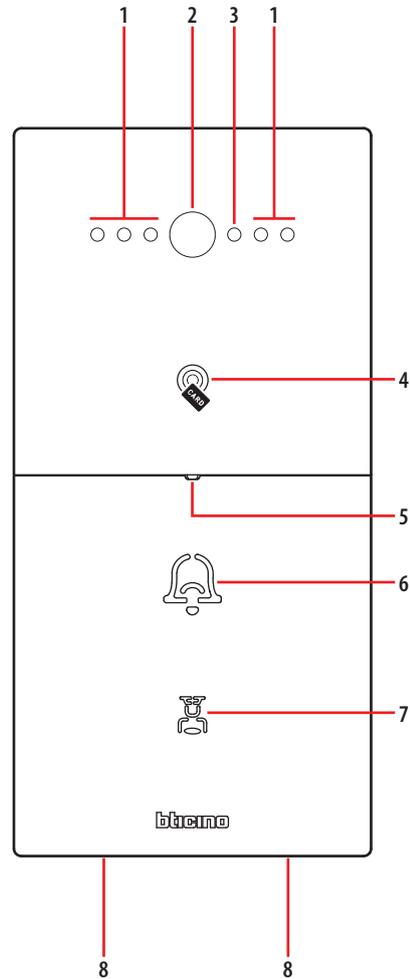
Legend

1. LED for the shooting field lighting
2. Camera
3. Light sensor
4. Badge reader for door lock opening
5. Microphone
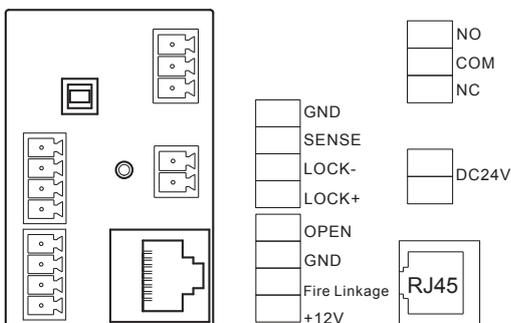6. Call key
7. Guard station call key
8. Loudspeaker

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Rear view

Connection clamps	
GND	system common ground terminal for RS485 connection
SENSE	door lock status signal input (dry contact)
LOCK-	electric door lock connection and control (12V - 4A impulsive on 3 Ohm maximum)
LOCK+	
OPEN – GND	third party access control signal input for door lock opening (+12Vdc pulse)
FIRE Linkage –GND	local door lock release pushbutton connection for firealarm system
+12V	access control devices power supply
NO	
COM	interlocked contact
NC	
DC24V	additional power supply clamps (not polarized)

Legend

1. RJ45 Connector (*)
2. Connection clamp
3. Mounting bracket
4. Locking screw
5. Tamper switch

(*) **This device does not support standard POE power supplies, but only POE power supplies identified with item no. 375002.**
   Connect the cat5/5e/6 FTP or cat5/5e/6 UTP cable with ferrite supplied to the connector.

Configuration

To use the device, it is necessary to configure it and create the Community structure using the IP DES System software, following the steps below:

Step	01	Community VLAN network creation
Step	02	Community structure definition
Step	03	Community structure creation
Step	04	Device MAC address registration
Step	05	Community customisation
Step	06	Saving of passwords
Step	07	Registration of the Community on the installer's Cloud
Step	08	Forwarding of the address book to the DES Server
Step	09	Installation of the devices
Step	10	Activation of the devices
Step	11	System test

For further information, please refer to the IP DES System Software Manual and Small video entrance panel manual, available for download from www.homesystems-legrandgroup.com website

Wiring diagrams
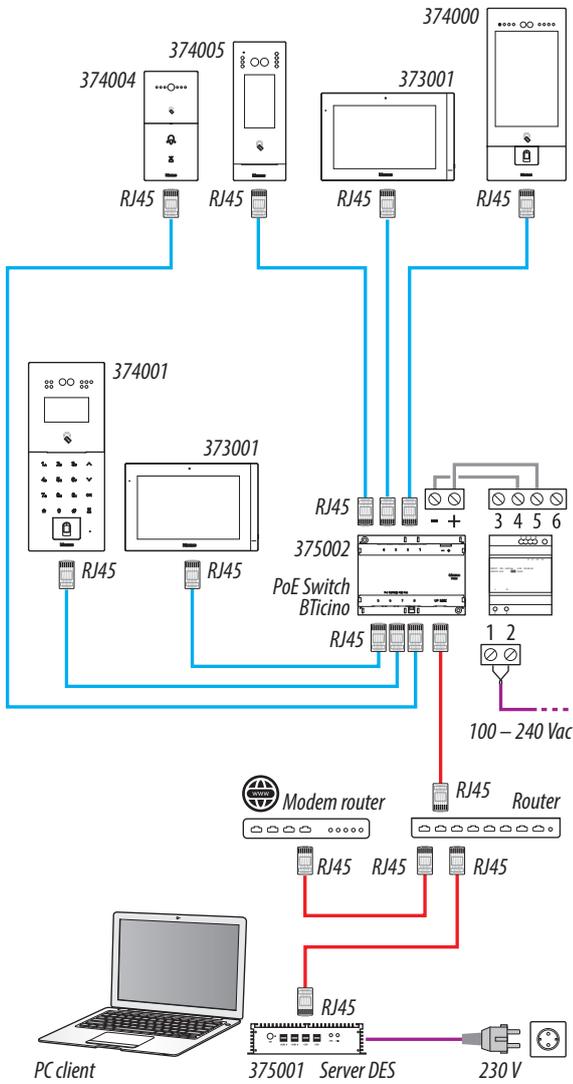
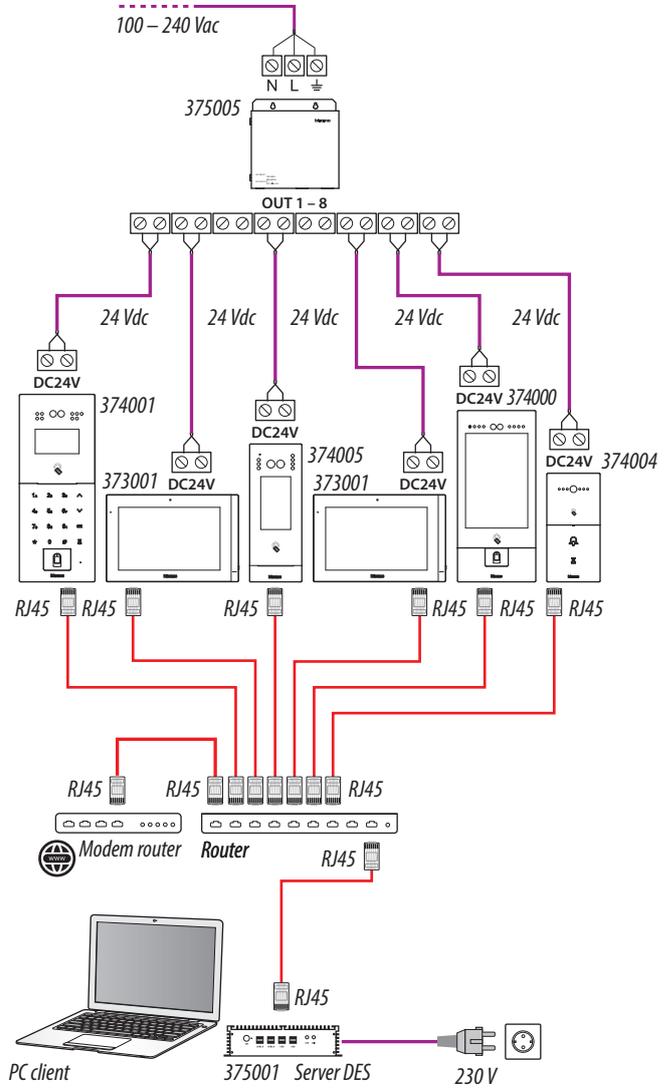| CABLES LEGEND | LAN PoE BTicino ——— | LAN Ethernet ——— | Copper cables ——— | 2 x Copper cables ——— |

It is possible to use two different types of connection according to installation situation:

A - Diagram with power supply by BTicino PoE Switch

B - Diagram with local power supply

Attention: this device does not support standard POE power supplies, but only POE power supplies identified with 375002. Connect the cat5/5e/6 FTP or cat5/5e/6 UTP cable with ferrite supplied to the connector.

Attention: do not directly connect PoE ports to an unsuitable network interface, such as a device powered by a different voltage. Connect the UP LINK port to a suitable port, never to a PoE port.

Note: maximum length of every LAN permanent link line = 90 m.

Ethernet connection
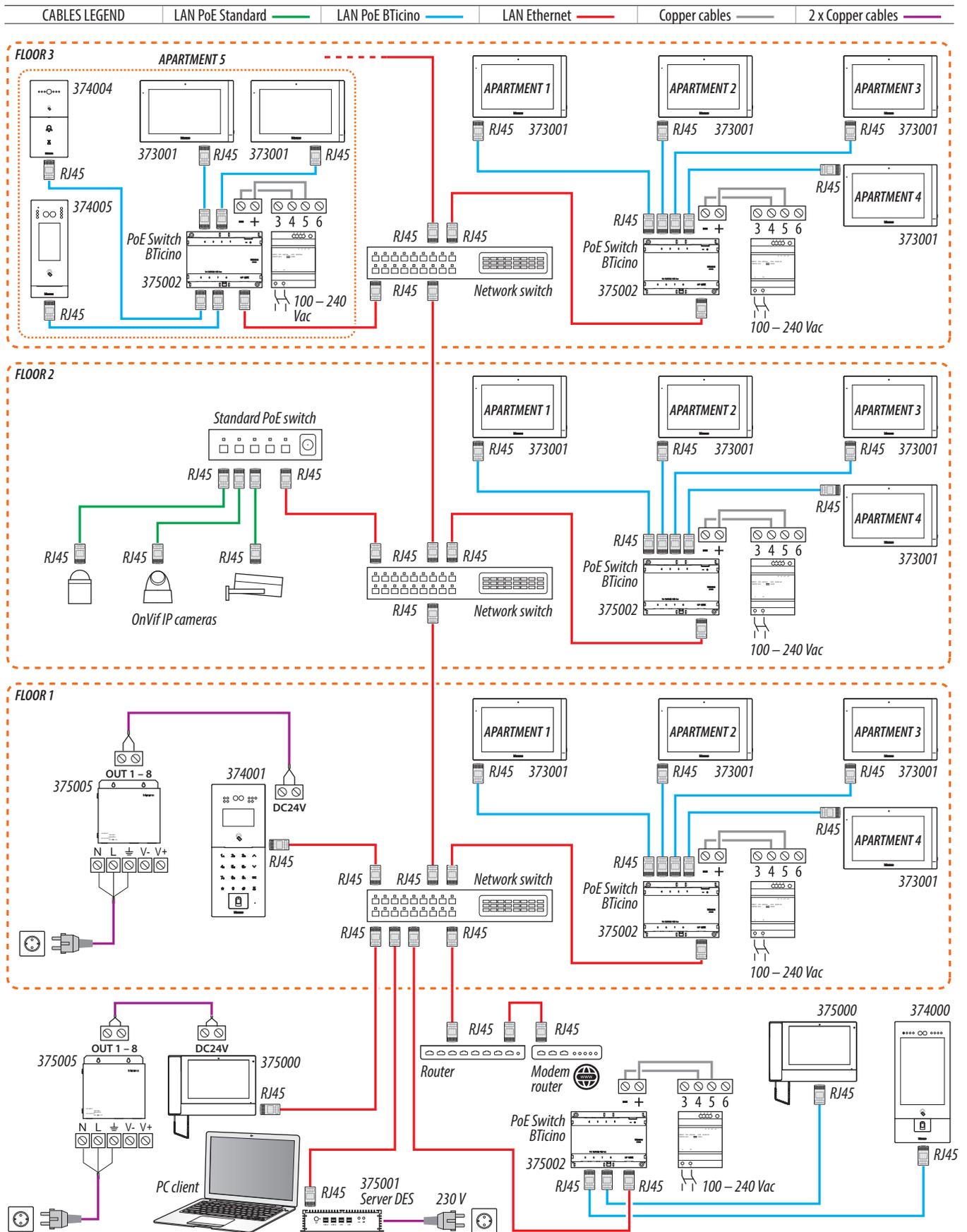
CABLES LEGEND	LAN PoE Standard	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables

Attention: do not directly connect PoE ports to an unsuitable network interface, such as a device powered by a different voltage. Connect the UP LINK port to a suitable port, never to a PoE port.
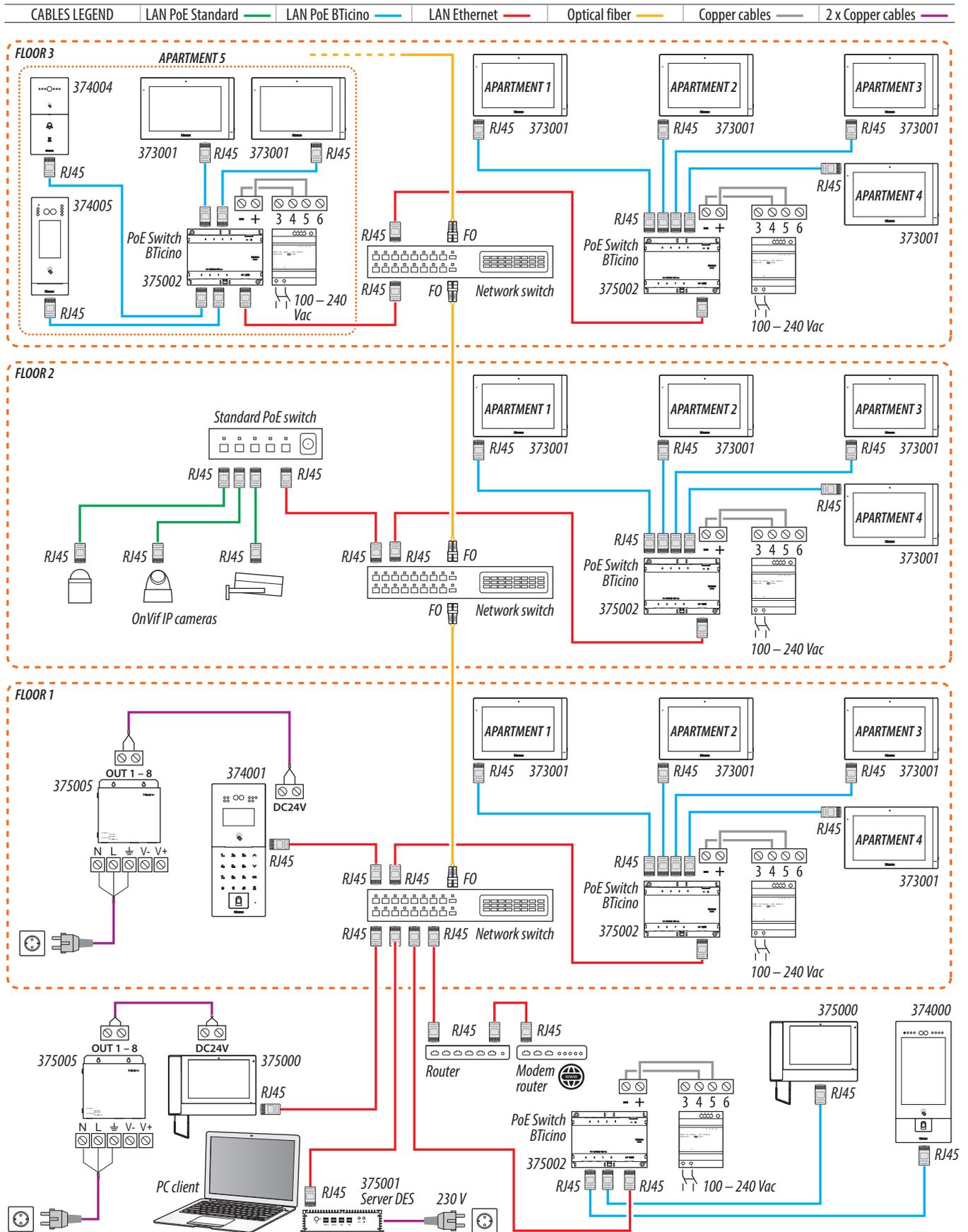**Note:** to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.
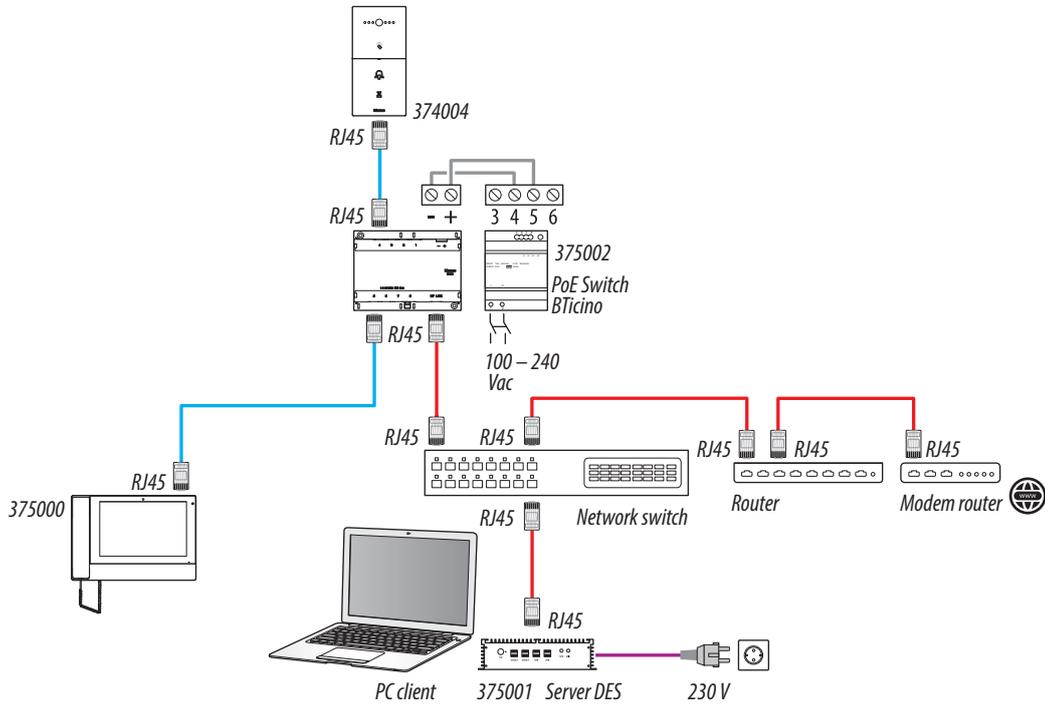
Fiber optic riser connection (case of higher bandwidth demand)

CABLES LEGEND — LAN PoE Standard — LAN PoE BTicino — LAN Ethernet — Optical fiber — Copper cables — 2 x Copper cables

Attention: do not directly connect PoE ports to an unsuitable network interface, such as a device powered by a different voltage. Connect the UP LINK port to a suitable port, never to a PoE port.
Note: to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.
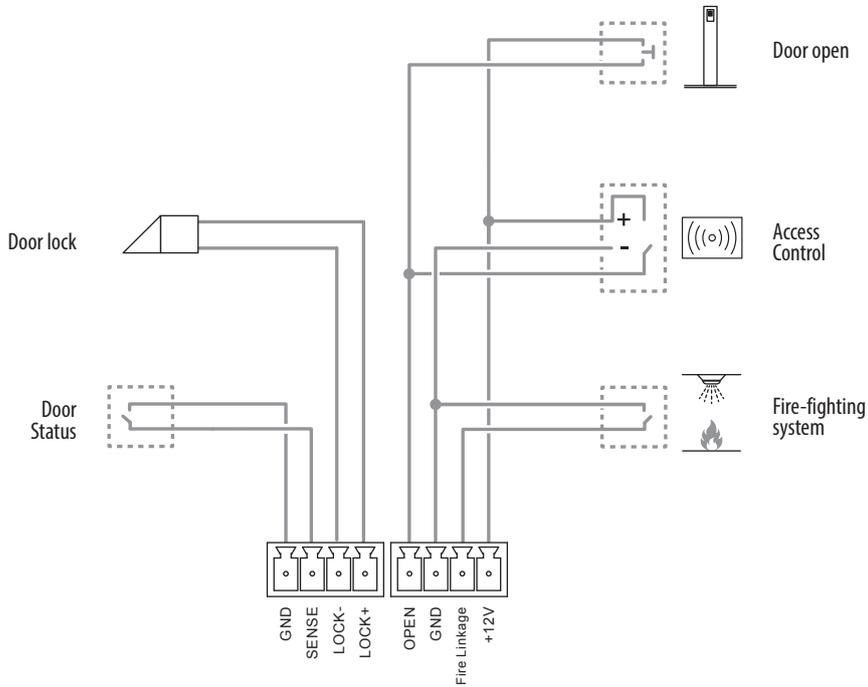
Available functions

CABLES LEGEND	LAN PoE BTicino	LAN Ethernet	Copper cables	2 x Copper cables

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Note: to connect the devices it is possible to use both types of wiring (diagram A or diagram B) or even mixed ones.