

IP DES - Small video entrance panel

374006

Description

Compact entrance panel with badge reader and key for calls to video internal unit and guard station.

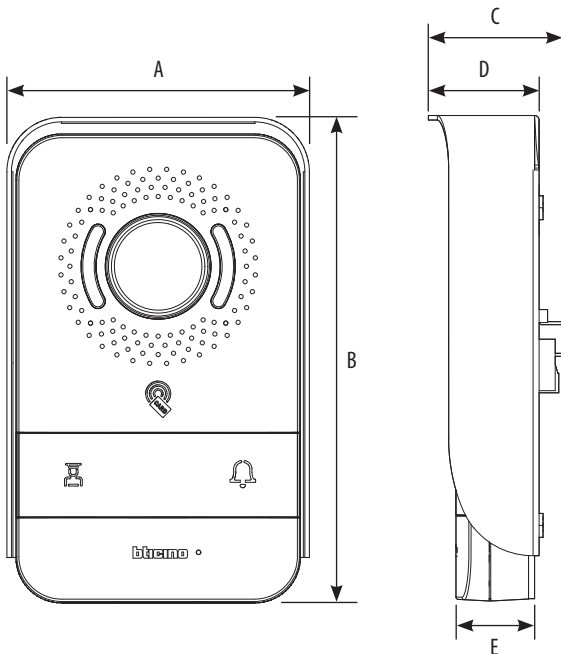
The video entrance panel can be supplied by means of PoE (Power Over Ethernet) or directly with the power supply 375005.

Wall installation thanks to the bracket, with rainshield, compatible with 502E or 503E boxes.

Technical data

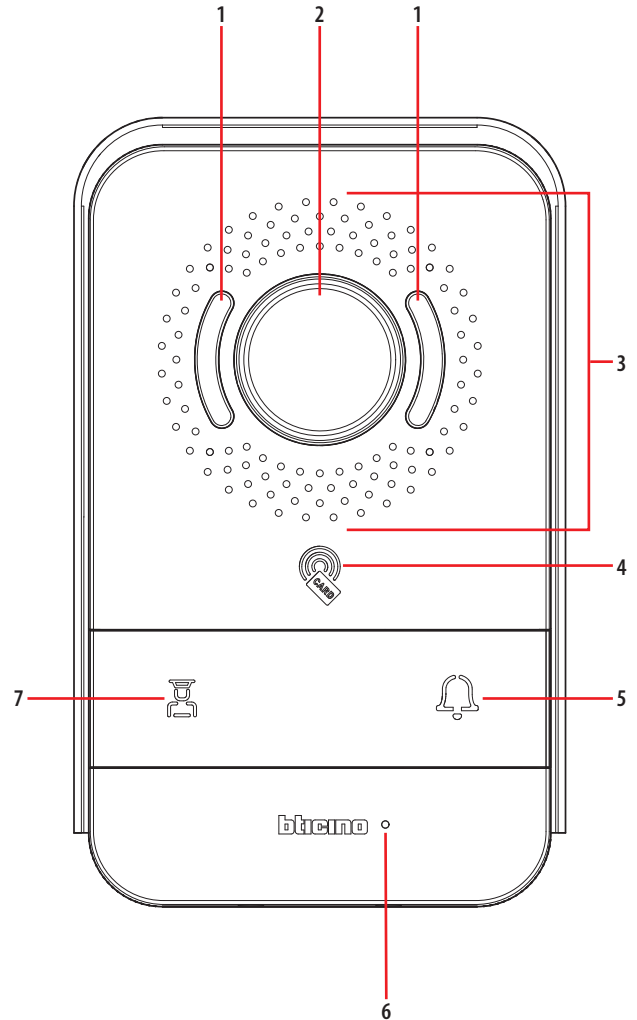
Voltage	24 Vdc
Maximum consumption	0,3 A
C NC NO contact output	30 Vdc/1A Max.
Max. cable section for clamps	0.8 mm ²
Operating temperature	(- 40) – (+ 70) °C
IP degree of protection	54
IK degree of protection	07
IP degree of protection	90 %
Camera resolution	video trasmitted at 720p
Camera viewing field angle	H= 72°; V= 35°
Badge reader Frequency	13.56 MHz
Badge reader transmission power	< 42 dBuA/m @ 10 m

Dimensional data



A	B	C	D	E
100 mm	160.5 mm	44.5 mm	36 mm	27.5 mm

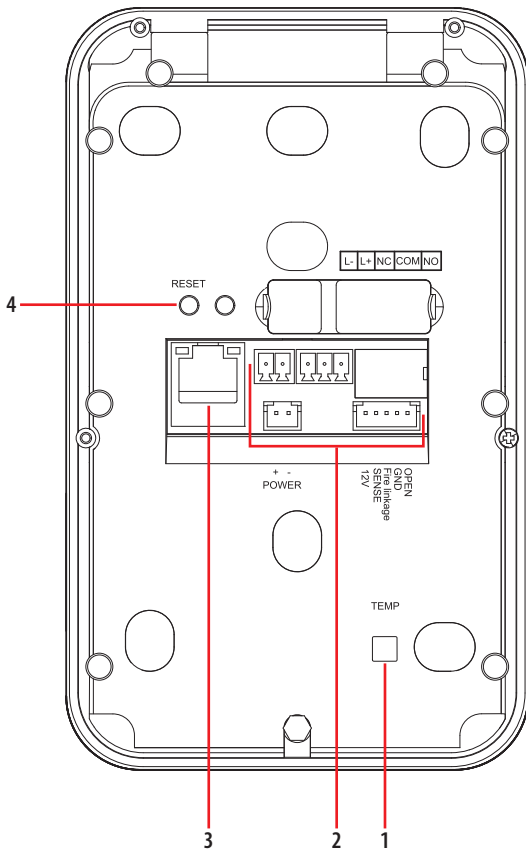
Front view



Legend

1. LEDs for the lighting of the shooting field and light sensor
2. Camera
3. Loudspeaker
4. Badge reader for door lock opening
5. Call key
6. Microphone
7. Guard station call key

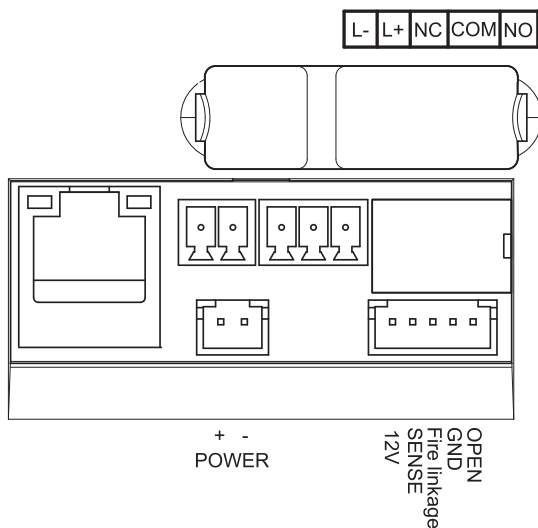
Rear view



Legend

- 1. Tamper switch
- 2. Connection clamps
- 3. RJ45 Connector (*)
- 4. Reset pushbutton

(*) 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. The wrong wiring of the Ethernet cable connecting the device to the Poe Switch 375002 could damage the device itself. The RJ45 cable must be at least 200 mm long



Connection clamps

L-/L+ (LOCK- / LOCK+)	electric door lock connection and control (12V - 4A impulsive on 30 Ohm maximum)
NC / COM / NO	interlocked contact
+ / - POWER	additional power supply clamps (not polarized)
12V	access control devices power supply
SENSE / GND	door lock status signal input
FIRE Linkage / GND	local door lock release pushbutton connection for firealarm system
GND	system common ground terminal
OPEN / 12V	local door lock release pushbutton connection

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 —

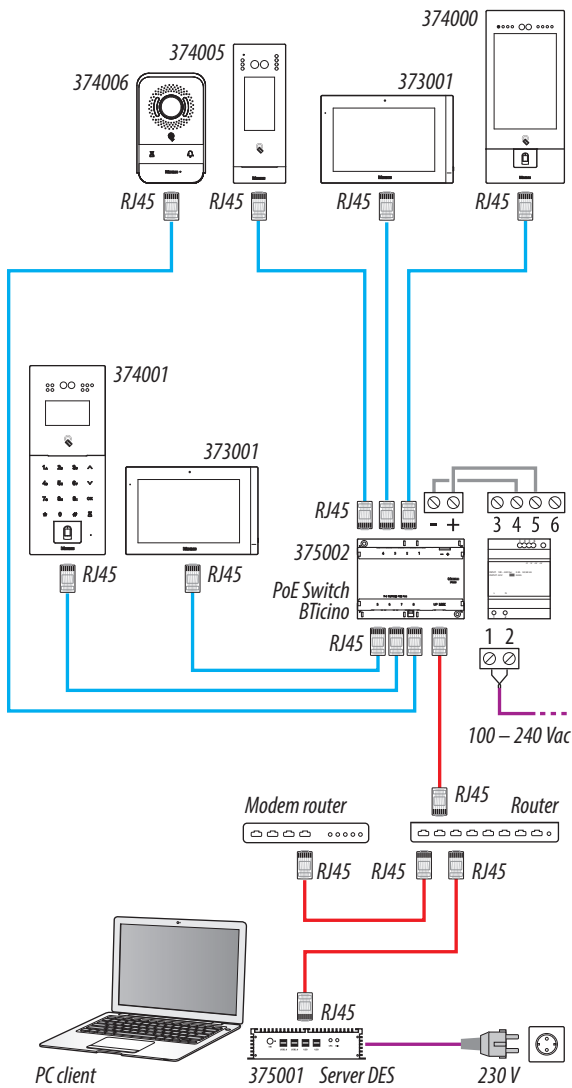
LAN Ethernet —

Copper cables —

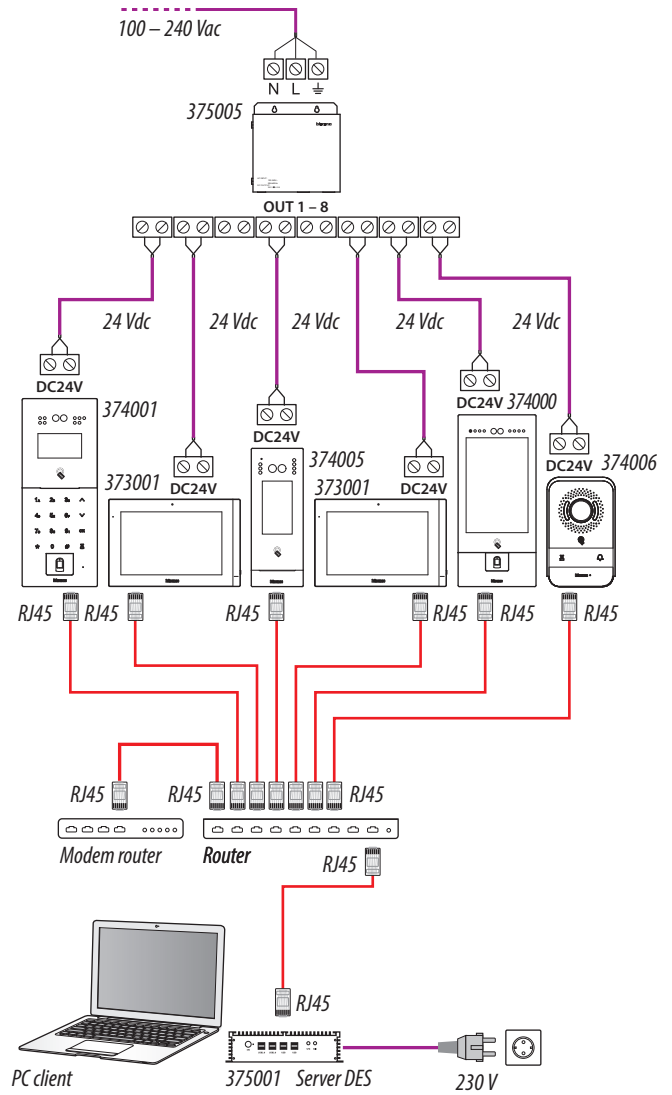
2 x Copper cables —

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

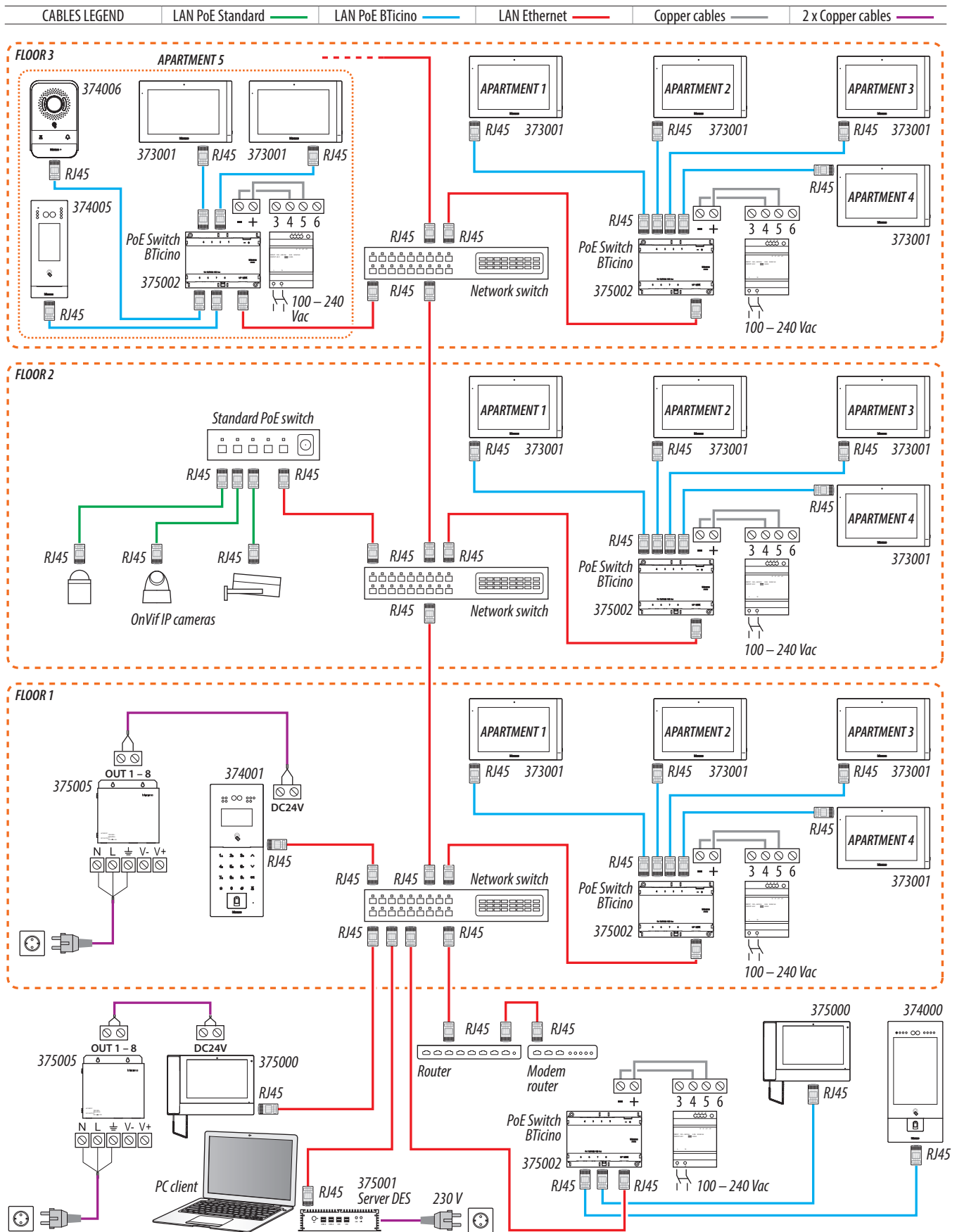


Attention: this device does not support standard POE power supplies, but only POE power supplies identified with 375002. Connect the cat5/5e/6 FTP or cat5/5e/6 UTP cable with ferrite supplied to the connector.

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.

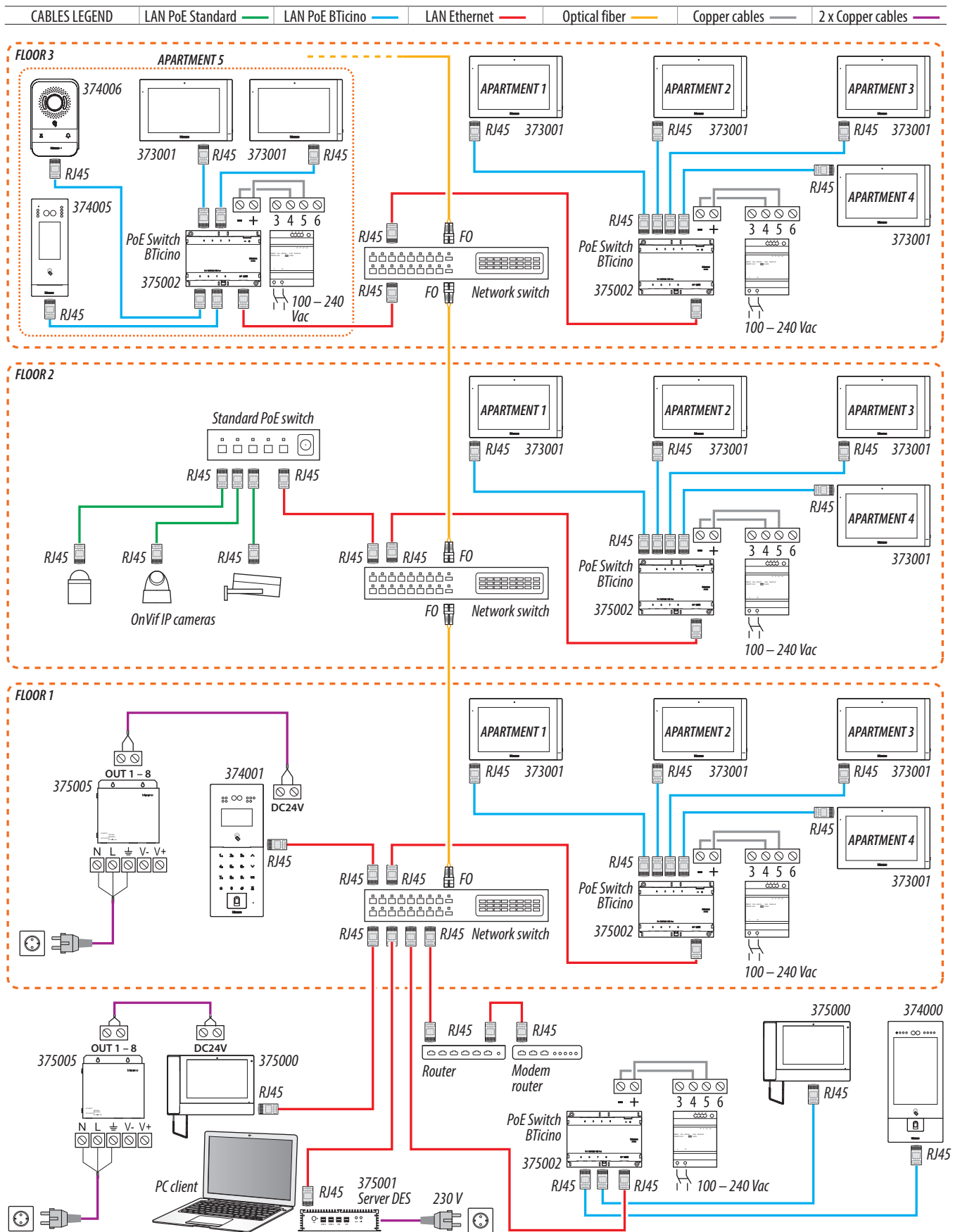
Note: maximum length of every LAN permanent link line = 90 m.

Ethernet connection



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.

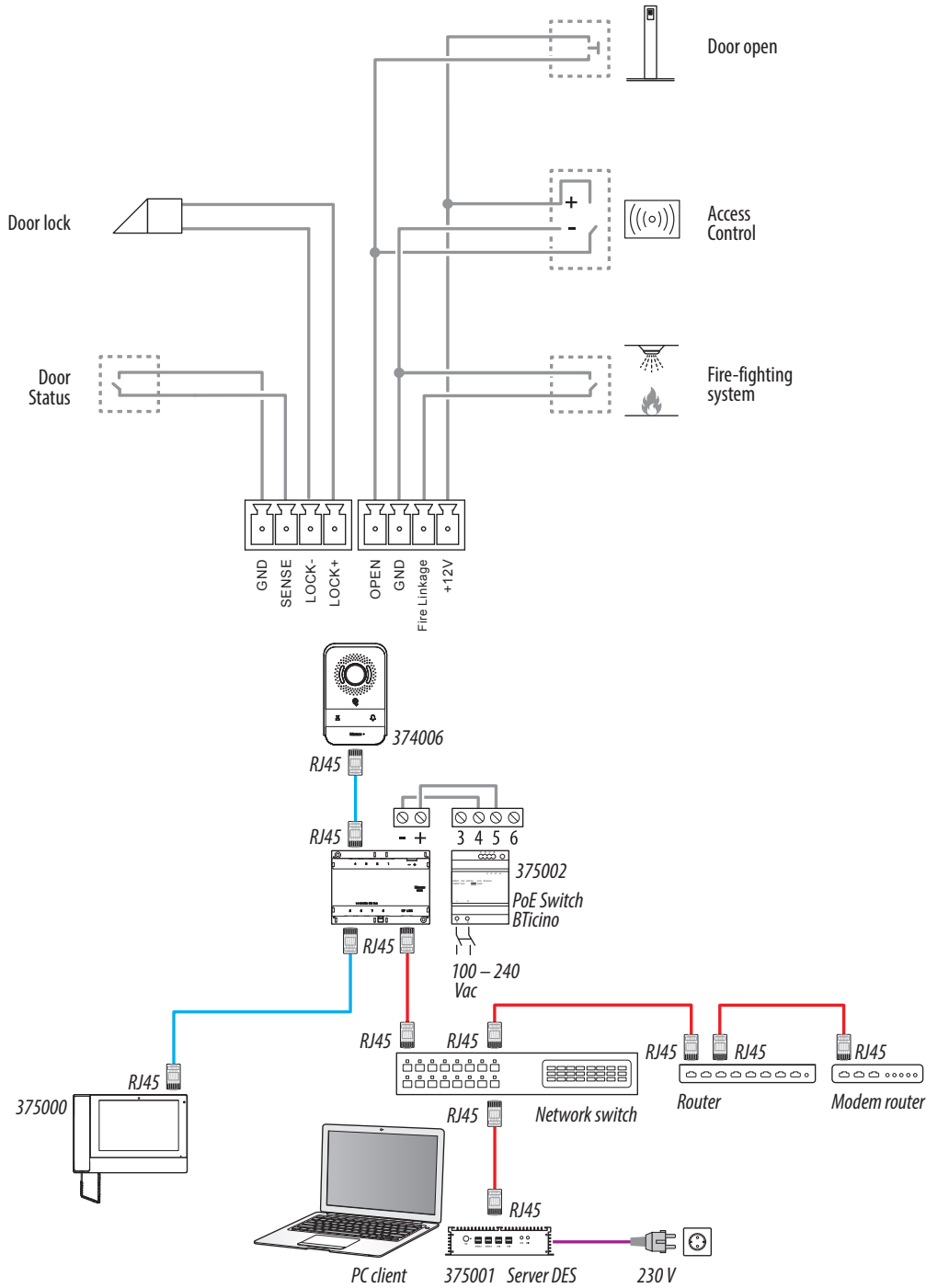
Fiber optic riser connection (case of higher bandwidth demand)



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Available functions

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