HOW TO SELECT THE ELEMENTS FOR ZENNIO GETFACE IP SYSTEM

1. PARTS OF VIDEO INTERCOM SYSTEM

The elements in Zennio video intercom system are the ones in one of these three parts of the system:

OUTDOOR VIDEO INTERCOM	NETWORK INFRASTRUCTURE	INDOOR VIDEO INTERCOM
GetFace IP	Firewall + Switch	Z41 COM
Select the modules according to the door opening options and the call options	Depending on the number of houses/appartments	There is a number of touch panels to receive the call in each house/apartment

2. OUTDOOR VIDEO INTERCOM

2.1. BASIC UNIT

Each outdoor video intercom needs to include a basic unit with (ZVP-CAM) or without camera (ZVP-WOCAM) and one button to call one house/apartment.

Its size is 2 modules, but the second module is a blind panel, where any additional module could be placed.

ZVP-CAM or ZVP-WOCAM

2.2. OTHER MODULES INSTALLED IN THE FRAME

Other modules could be added to the basic unit, depending on the requirements about how the owners open the door and how the visitors call each house/apartment. Their size is 1 module.

ZVP-KEYPAD	ZVP-INFOP	ZVP-NAME5	ZVP-TOUCHD	ZVP-RFSMN	ZVP-ILOOP	ZVP-VIGM
Keypad to access with code and call each house/apartment	Info panel to explain how to call each house/apartment	5 buttons module. The number of modules to add depends on the number of houses/apartments to call.	Touch display with keypad to access with code and a list to call each house/apartment	RFID Reader to access with card	Induction loop for hear impairment aid.	Access for emergency services

2.3. NUMBER OF LOCKS PER ENTRANCE

To open more than one door lock from the same outdoor video intercom, **I/O module** (**ZVP-INOUT)** is needed in those outdoor video intercoms. It does not need one module in the frame.

2.4. OPTIONAL SECURITY

- **Security relay (ZVP-ACSR):** to add security to door opening. One per door.
- **Tamper switch** (**ZVP-ACTAM):** to monitor when the frame is removed. One per outdoor intercom.

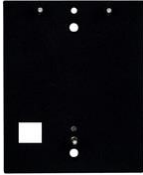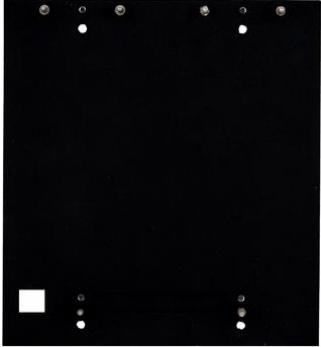## 2.5. POWER SUPPLY OF THE OUTDOOR INTERCOM
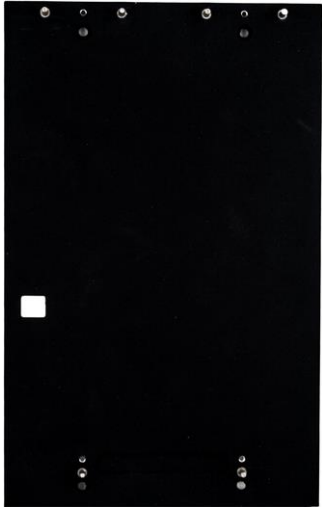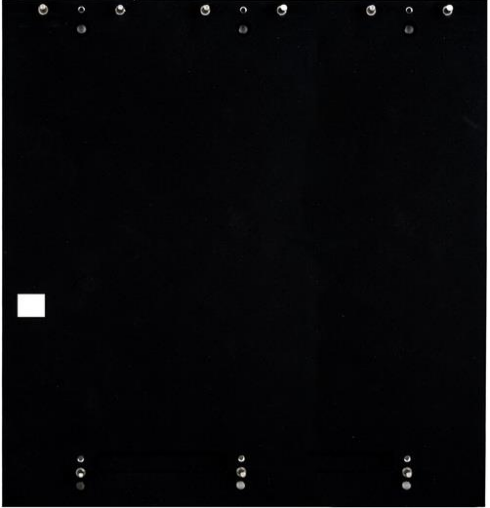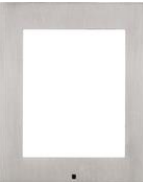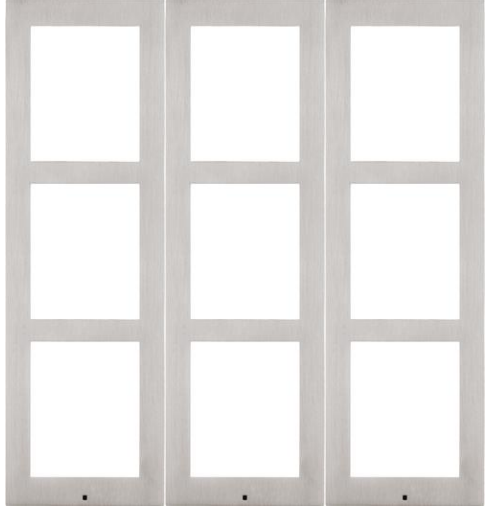
It's possible to supply the outdoor station by two ways:
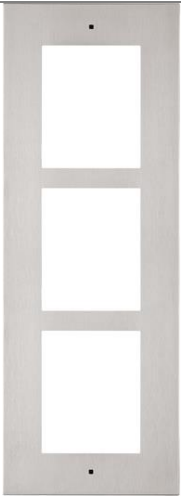
- Power Supply 12VAC/400 mA: not provided by Zennio.
- PoE (using the IP connection): add a **PoE Injector with EU cable (ZVP-ACPOEC)** or **without cable (ZVP-ACPOE)**.

2.6. INSTALLATION ELEMENTS – FRAMES, BOXES, BACKPLATES

There are two ways to install GetFace IP and depending on which one is needed, some elements should be added to the order.

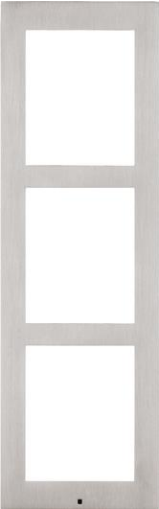It is necessary to know the number of modules in the outdoor video intercom and how they are placed in the frame, bearing in mind the basic unit and the elements which need one module in the frame.

FRAMES AND BACKPLATES FOR SURFACE MOUNTING

Backplates

ZVP-BPLA1

ZVP-BPLA2

ZVP-BPLA3

ZVP-BP2W2H

ZVP-BP2W3H

ZVP-BP3W3H

Frames

ZVP-CB1M

ZVP-CB2M

ZVP-CB3M

2 x ZVP-CB2M

2 x ZVP-CB3M

3 x ZVP-CB3M

FRAMES AND BOXES FOR FLUSH MOUNTING

Boxes	ZVP-FBOX1	ZVP-FBOX2	ZVP-FBOX3
Frames	ZVP-FFRA1	ZVP-FFRA2	ZVP-FFRA3

3. INDOOR VIDEO INTERCOM

In each house/apartment, at least one touch panel Z41 COM must be installed to receive the call from the outdoor video intercom.

Available colors: anthracite black (ZVI-Z41COM-AP), white (ZVI-Z41COM-WP) and silver (ZVI-Z41COM-SP)

4. NETWORK INFRAESTRUCTURE

- Single homes: no needed.

- Community buildings: it will be necessary a firewall and one or more switches, depending on the number of houses/apartments and building characteristics. See table below[1]:

GetFace IP (Number of outdoor intercoms)	Apartments number	Firewall	Switch			
			8 ports	16 ports	24 ports	48 ports
		ZVP-FW2003	ZVP-SW0108	ZVP-SW0116	ZVP-SW0124	ZVP-SW0148
1-3	2-7	1	1			
1-3	8-15	1		1		
1-3	16-23	1			1	
1-3	24-47[2]	1				1

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[1] Maximum distance of 90m of Ethernet cable between switch/es and firewall must be met. For longer distances, please contact with Zennio Technical Office: otec@zennio.com

[2] For larger number of apartments, please contact with Zennio Technical Office: otec@zennio.com

5. EXAMPLES

5.1. SINGLE HOME BUILDING WITH ONE BUTTON. FLUSH MOUNTING

- ZVP-CAM
- ZVP-FBOX2
- ZVP-FFRA2
- Number of touch panels - ZVI-Z41COM

Note: network elements inside property limits are not included
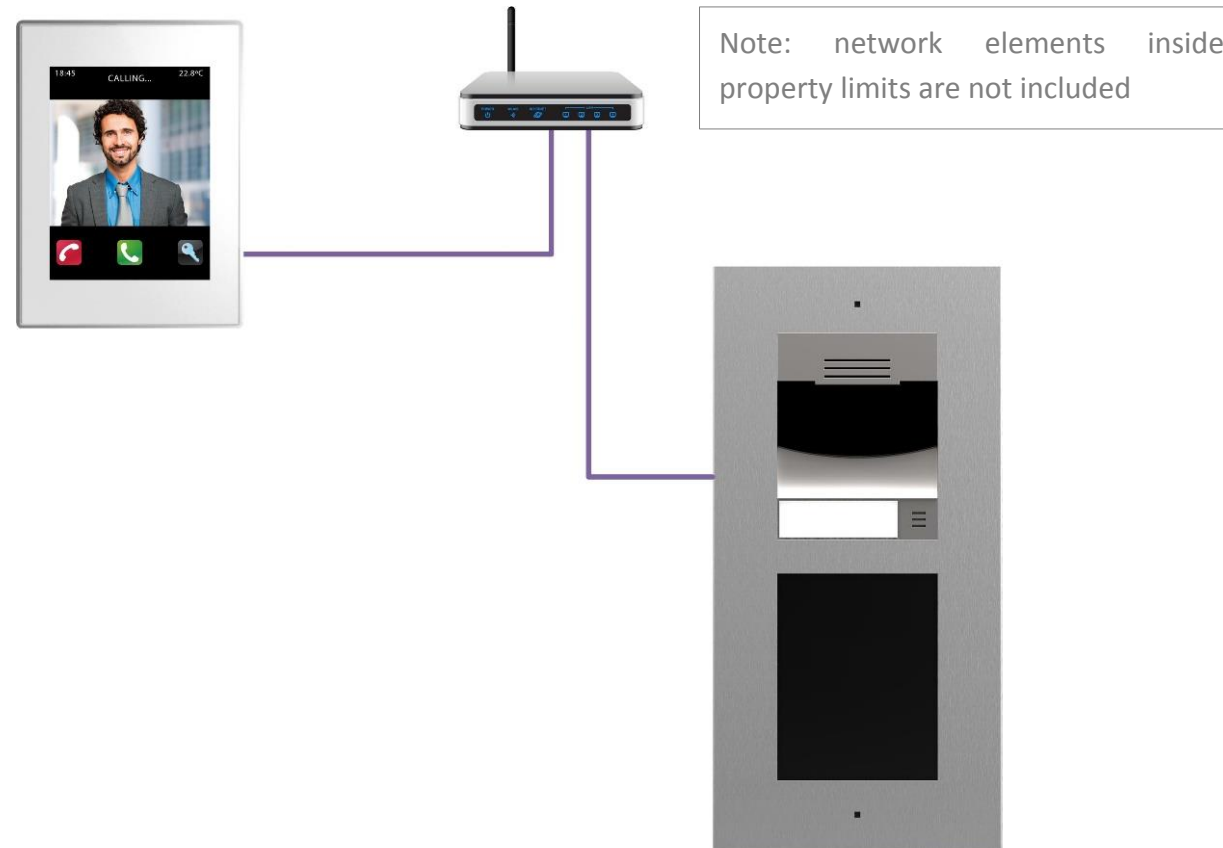
5.2.   SINGLE HOME BUILDING WITH ONE BUTTON. SURFACE MOUNTING

- ZVP-CAM
- ZVP-BPLA2
- ZVP-CB2M
- Number of touch panels - ZVI-Z41COM
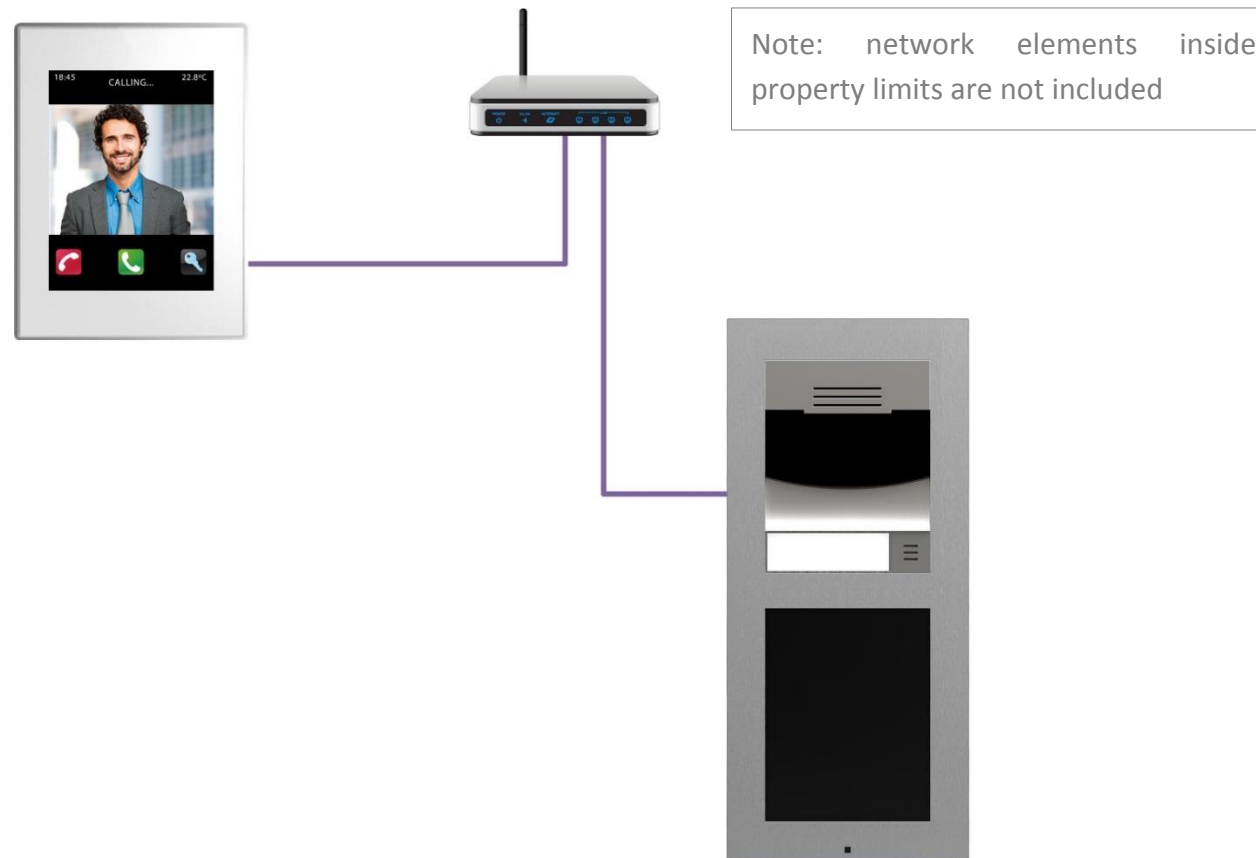

Note: network elements inside property limits are not included

5.3. SINGLE HOME BUILDING WITH KEYPAD AND ONE BUTTON. FLUSH MOUNTING

- ZVP-CAM
- ZVP-KEYPAD
- ZVP-FBOX2
- ZVP-FFRA2
- Number of touch panels - ZVI-Z41COM

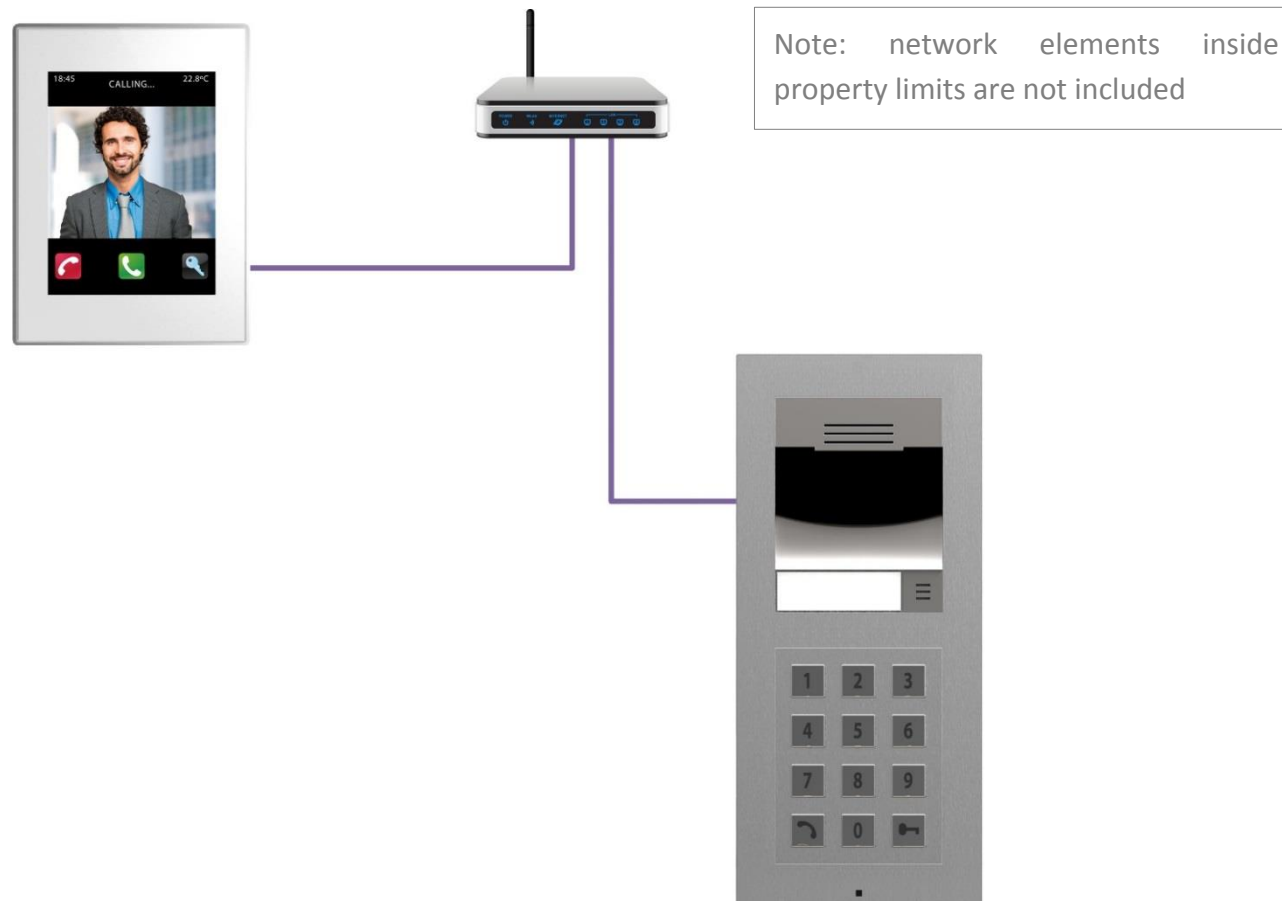Note: network elements inside property limits are not included
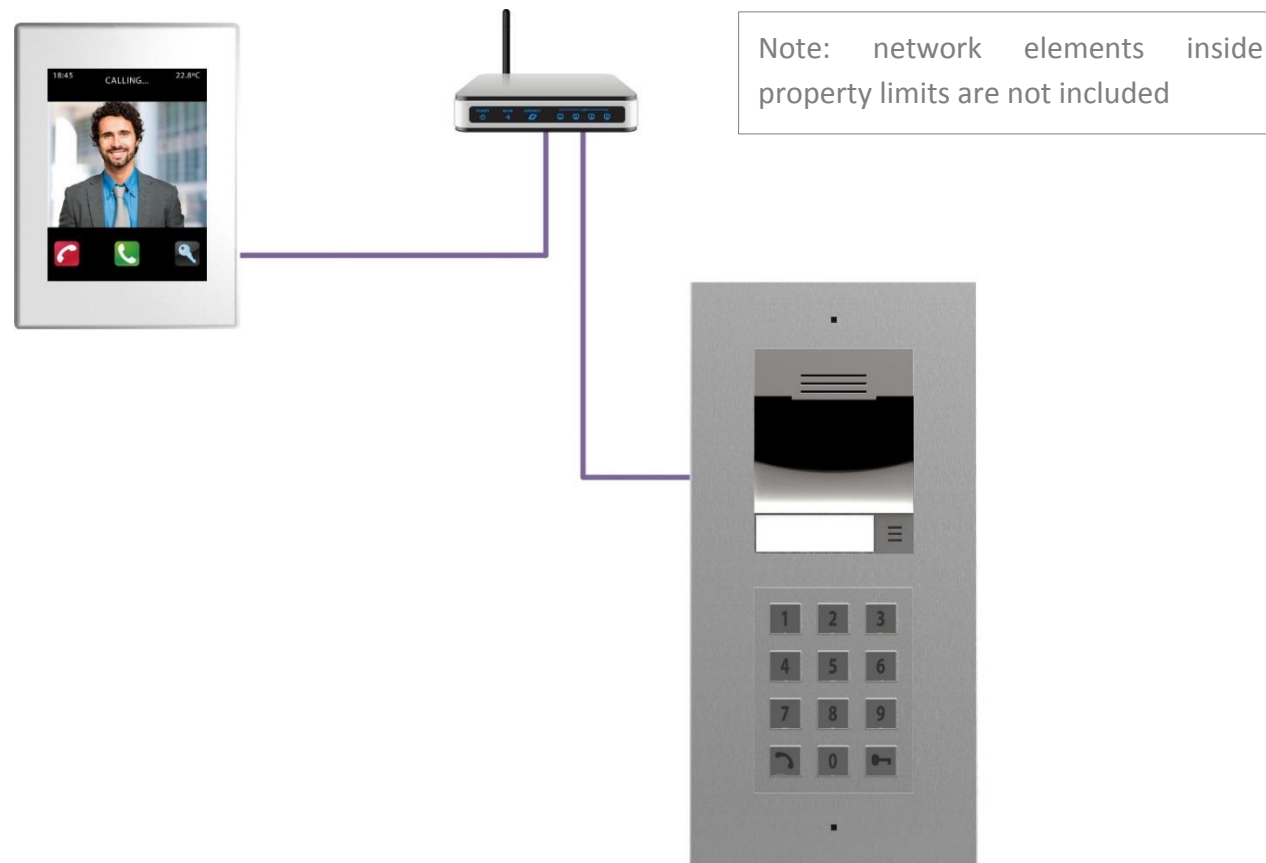
5.4. SINGLE HOME BUILDING WITH KEYPAD AND ONE BUTTON. SURFACE MOUNTING

- ZVP-CAM
- ZVP-KEYPAD
- ZVP-BPLA2
- ZVP-CB2M
- Number of touch panels - ZVI-Z41COM

Note: network elements inside property limits are not included

5.5.   APARTMENTS BUILDING (UP TO 6) WITH BUTTONS. SURFACE MOUNTING

- ZVP-CAM
- ZVP-NAME5
- ZVP-BPLA2
- ZVP-CB2M
- ZVP-FW2003
- ZVP-SW0108
- ZVP-ACBLB (optional, to hide buttons which are not used)
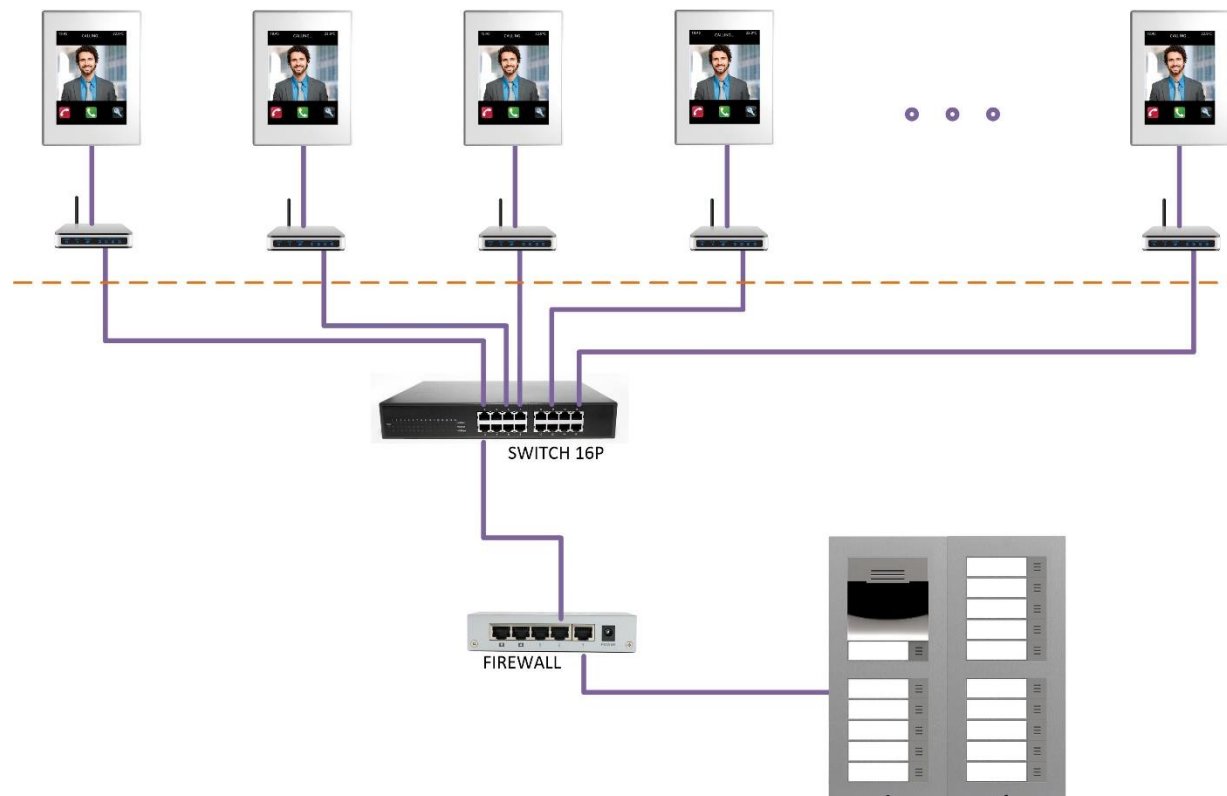- Number of touch panels - ZVI-Z41COM

Note: network elements inside property limits are not included
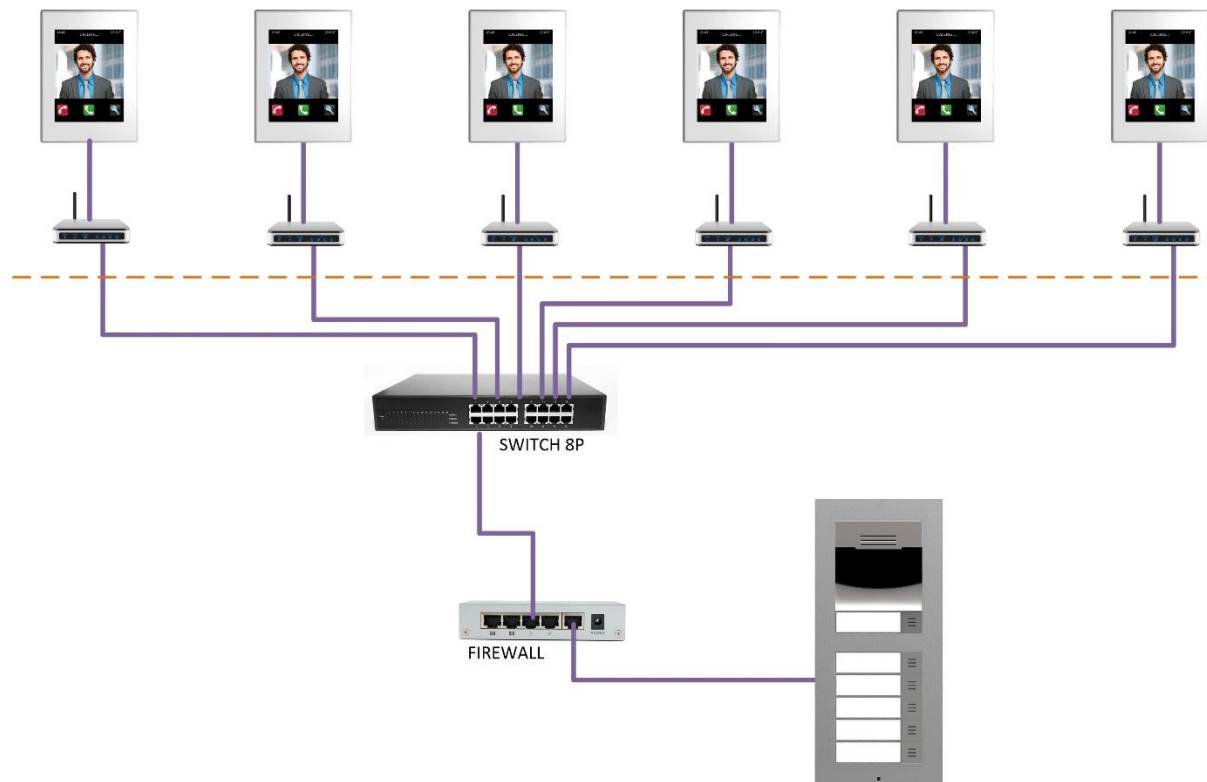
5.6.   APARTMENTS BUILDING (FROM 6 TO 15) WITH BUTTONS. SURFACE MOUNTING

- ZVP-CAM
- 3 x ZVP-NAME5
- ZVP-BP2W2H
- 2 x ZVP-CB2M
- ZVP-FW2003
- ZVP-SW0116
- ZVP-ACBLB (optional, to hide buttons which are not used)
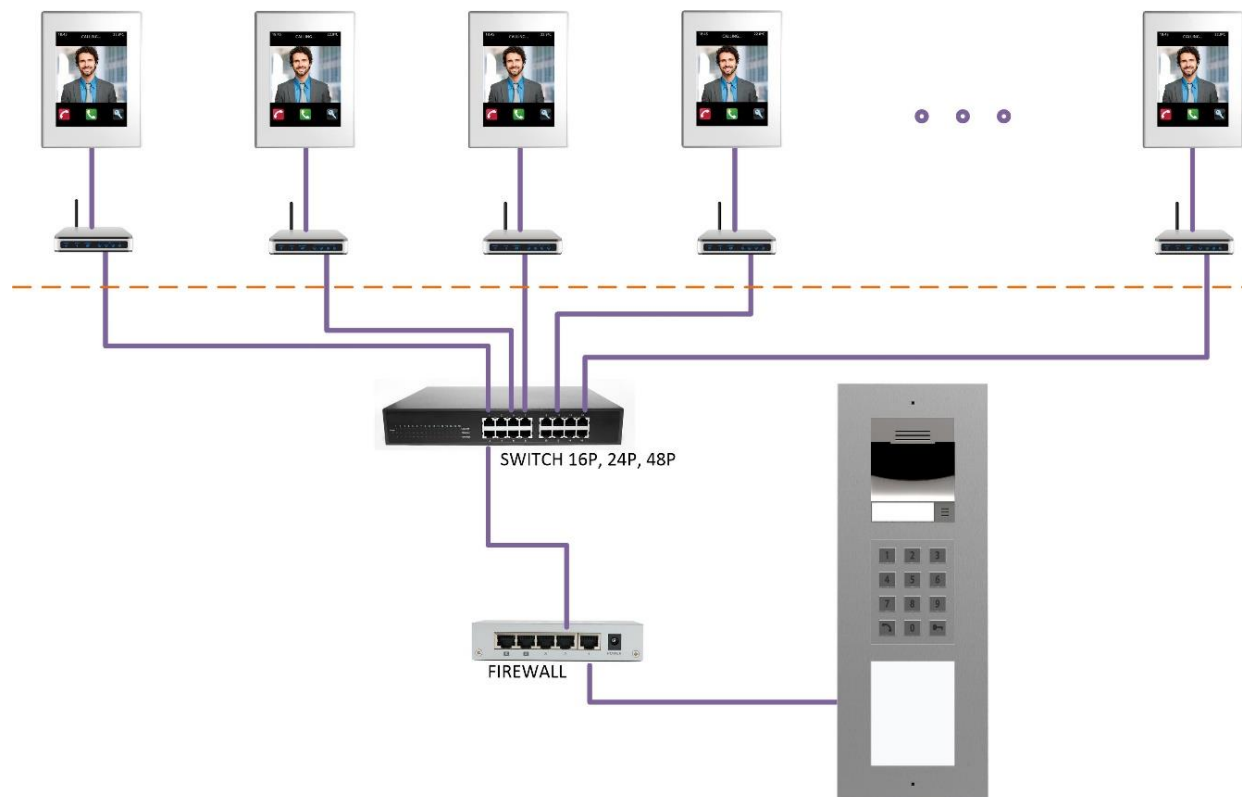- Number of touch panels - ZVI-Z41COM

Note: network elements inside property limits are not included

SWITCH 16P

FIREWALL

5.7. APARTMENTS BUILDING WITH KEYPAD. FLUSH MOUNTING

- ZVP-CAM
- ZVP-KEYPAD
- ZVP-INFOP
- ZVP-FBOX3
- ZVP-FFRA3
- ZVP-FW2003
- ZVP-SW01xx: depends on the number of apartments, see table in section 4
- Number of touch panels - ZVI-Z41COM

Note: network elements inside property limits are not included

5.8. APARTMENTS BUILDING WITH TOUCH DISPLAY. FLUSH MOUNTING

- ZVP-CAM
- ZVP-TOUCHD
- ZVP-FBOX2
- ZVP-FFRA2
- ZVP-FW2003
- ZVP-SW01xx: depends on the number of apartments, see table in section 4
- Number of touch panels - ZVI-Z41COM

Note: network elements inside property limits are not included

SWITCH 16, 24, 48 PORTS

FIREWALL