
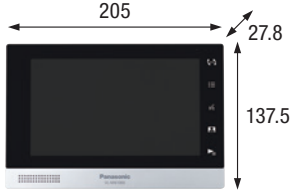
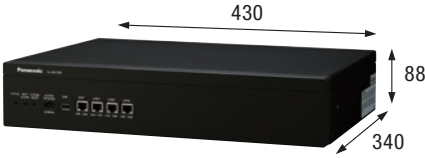


Specifications

Model number and name	VL-VN1500 (Door Station)	VL-MN1000 (Room Monitor)
Dimensions (Unit: mm)		
Power source	PoE (IEEE 802.3af compliant, Class 2 device) or Power supply unit (VL-PS240*1) 24 V DC, 0.6 A	PoE (IEEE 802.3af compliant, Class 2 device) or Power supply unit (VL-PS240*1) 24 V DC, 0.6 A
Power consumption	PoE: Standby: 2.5 W / During operation: 5.1 W VL-PS240: Standby: 2.6 W / During operation: 6.3 W	PoE: Standby: 1.9 W / During operation: 6.3 W VL-PS240: Standby: 2.1 W / During operation: 6.2 W
Dimensions (H x W x D) (Excluding protruding sections)	141 x 100 x 28.5 mm	137.5 x 205 x 27.8 mm
Weight	250 g	550 g
Operating environment	Ambient temperature: Approx. -10 °C to +55 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %
Display	-	7-inch wide colour display with touch screen (800x480 pixels)
Display language	-	English, Arabic, French, Italian, German, Spanish and Dutch
Talking method	Hands-free	Hands-free
Network interface	10BASE-T/100BASE-TX (Auto MDI/MDI-X)	10BASE-T/100BASE-TX (Auto MDI/MDI-X)
Network protocol	TCP/IP, UDP	TCP/IP, UDP
Wiring	UTP (cat.5e or higher)	UTP (cat.5e or higher)
Card reader (RFID)	13.56 MHz (ISO/IEC 14443 Type A (MIFARE))	-
Expanded interface	E-lock x 1 *Relay box VL-RLY1 is required (sold separately)	Sensor input x 5 (including emergency / urgency button)
Viewing angle	Horizontally: Approx. 113°, Vertically: Approx. 69°	-
Image sensor	1.3 M pixels CMOS sensor	-
Minimum illuminance required	1 lx (within approx. 50 cm from the camera lens)	-
Lighting method	White coloured LED lights	-
Video / Audio format	Video: H.264, Audio: G.711	Video: H.264, Audio: G.711
Recording	-	Internal memory (video with audio can be saved)
IP rating / IK rating	IP54*2 / -	-
Installation method	Surface mount (mounting base supplied)	Surface mount (mounting bracket supplied) or Flush mount (mounting box VL-VN1790 sold separately)
External material	PC+ABS resin	PC+ABS resin
Supported functions	<ul style="list-style-type: none"><li>• Unlock individual doors via the RFID card (MIFARE)</li><li>• Theft detection buzzer</li></ul>	<ul style="list-style-type: none"><li>• Monitoring through the IP camera</li><li>• Emergency / Urgency call, Sensor, Door bell</li><li>• Intercom calls between monitors (family or neighbours)</li><li>• Calls to SIP Phones (guard station, reception, etc.)</li><li>• Register up to 32 IP cameras per monitor</li><li>• Register up to 18 SIP Phones per monitor</li></ul>

\*1 VL-PS240 is sold separately.  
\*2 Water resistance is only assured if the door station is installed correctly according to the instructions in the Operating Instructions, and appropriate water protection measures are taken.

Model number and name	VL-VN1700 (Control Box)
Dimensions (Unit: mm)	
Power source	100-240 V AC, 0.95-0.6 A, 50/60 Hz
Power consumption	Under 50 W
Dimensions (H x W x D) (Excluding protruding sections)	88 x 430 x 340 mm
Weight	4.5 kg
Operating environment	Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %
Network interface	10BASE-T/100BASE-TX/1000BASE-T (Auto MDI/MDI-X)
Network protocol	TCP/IP, UDP
Wiring	UTP (cat.5e or higher)
Installation method	Mountable to 19-inch racks
External material	Front Cabinet: ABS, Lower / Upper Cabinet: Steel
Supported functions	<ul style="list-style-type: none"><li>• Voice mail</li><li>• E-mail notification</li><li>• Supports up to 2000 SIP devices (embedded SIP server)</li></ul>

**Trademark**  
- MIFARE is a registered trademark of NXP B.V. and is used under license.

**Important**  
- Safety Precaution: carefully read the operating instructions and installation manual before using this product.  
- Panasonic cannot be responsible for the performance of the network and/or other manufacturers' products used on the network.

- The actual product may vary slightly from photograph.
- Weights and dimensions are approximate.
- Design and Specifications are subject to change without notice.
- These products may be subject to export control regulations.

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IP Video Intercom System for Apartment complexes



Key Features

Full IP system

A pure IP system  
The Door Station and Room Monitor support PoE (IEEE 802.3af compliant)

Supports large apartment systems


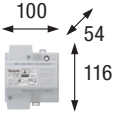
Up to 2,000 SIP devices on a system with a Control Box  
Up to 200 SIP devices on a system without a Control Box

Easy installation, convenient maintenance

Easy Setup (Includes setup tool for mass configuration of 2000 devices)

Others

E-mail Notification (Control Box required)  
Voice Mail (Control Box required)  
Visitor Recording

Model number and name	VL-VN1900 (Lobby Station)	
Dimensions (Unit: mm)		<b>VL-PS240 (Power Supply Unit)</b>
		
Power source	Power supply unit (VL-PS240) 24 V DC, 0.6 A	Input: 220-240 V AC, 0.2 A (50/60 Hz) Output: 24 V DC, 0.6 A
Power consumption	Standby: 3.5 W, During operation: 8.5 W	-
Dimensions (H x W x D) (Excluding protruding sections)	373 x 179 x 6 mm (excluding sections embedded into the wall)	116 x 100 x 54 mm
Weight	1.5 kg	230 g
Operating environment	Ambient temperature: Approx. -10 °C to +55 °C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. 0 °C to +50 °C Relative humidity (non-condensing): up to 90 % (indoor use only)
Display	3.5-inch colour display (320x240 pixels)	-
Display language	English, Arabic, French, Italian, German, Spanish and Dutch Only user guidance supports multiple language Resident's names are only in English	-
Talking method	Hands-free	-
Network interface	10BASE-T/100BASE-TX (Auto MDI/MDI-X)	-
Network protocol	TCP/IP, UDP	-
Wiring	UTP (cat.5e or higher)	-
Card reader (RFID)	13.56 MHz (ISO/IEC 14443 Type A (MIFARE®))	-
Expanded interface	Support for electric lock releasing (entrance unlocking) x 1	-
Viewing angle	Horizontally: Approx. 120°, Vertically: Approx. 72° (15° angle adjusting, vertical only)	-
Image sensor	2.0 M pixels CMOS sensor	-
Minimum illuminance required	1 lx (within approx. 50 cm from the camera lens)	-
Lighting method	White coloured LED lights	-
SIP server	Embedded SIP server (up to 200 devices)	-
Video / Audio format	Video: H.264, Audio: G.711	-
IP rating / IK rating	IP55*1 / Compliant with IK07	-
Installation method	Flush mount (flush mounting box supplied)	Wall mount or attach to DIN rail
External material	Aluminium	Flame retardant PC+ABS resin
Supported functions	<ul style="list-style-type: none"><li>• Room numbers using numbers 0 through 9 and letters A through F</li><li>• Phonebook (Room-No., Resident's name)</li><li>• Theft detection buzzer</li><li>• Unlock lobby door via a PIN code or RFID card (MIFARE)</li><li>• Reception mode</li><li>• Display a BMP file set by the user (320x180 pixels)</li></ul>	

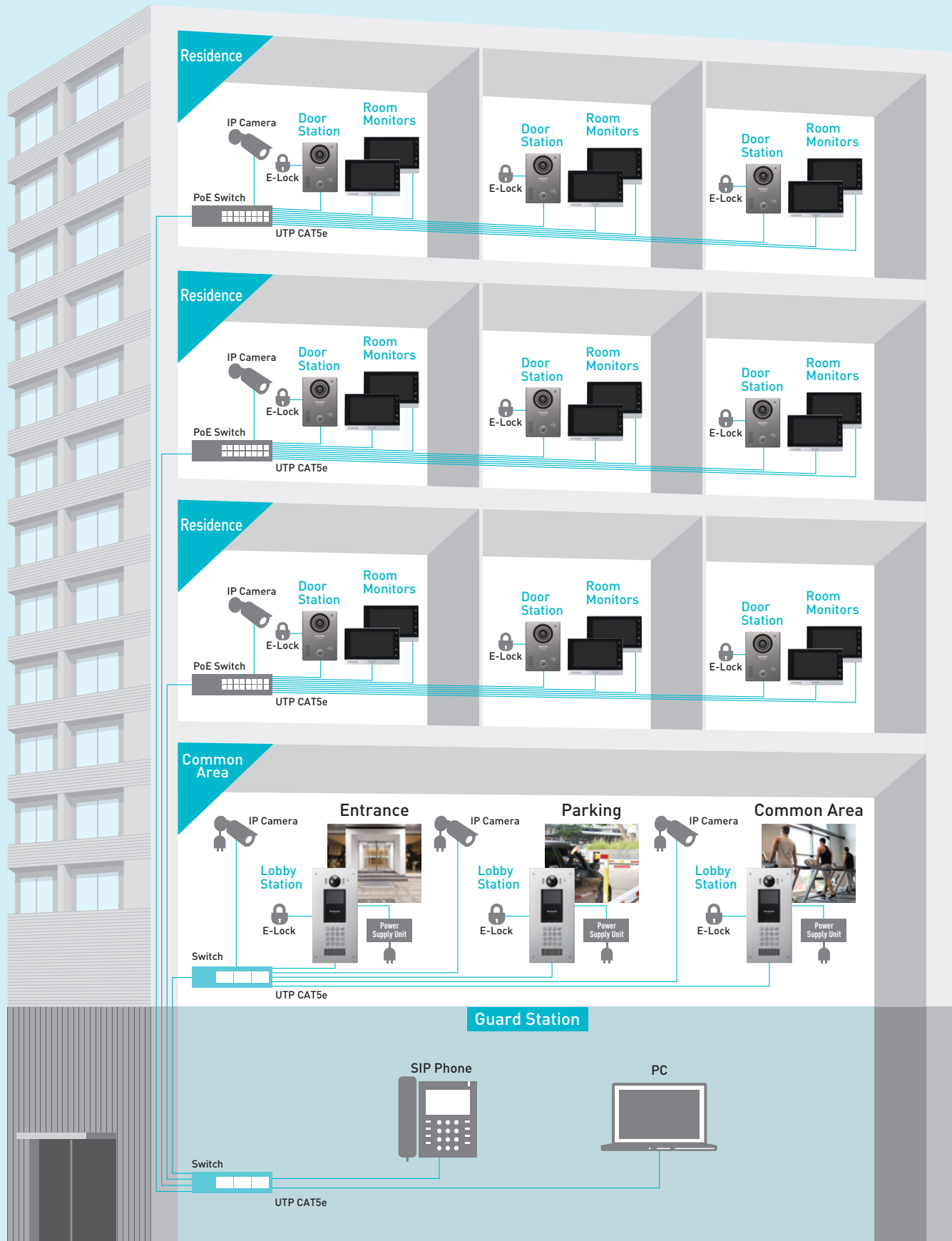
\*1 Water resistance is only assured if the lobby station is installed correctly according to the instructions in the Installation Guide, and appropriate water protection measures are taken.

# System Diagram of the Apartment System

Support up to 200 devices on a system without a Control Box

## FUNCTION

- 200 SIP devices are supported
- Send text mail from control room to all monitors
- Multiple sessions are supported
- Easy setup by PC tool



Support up to 2,000 devices on a system with a Control Box

## FUNCTION

- 2,000 SIP devices are supported
- Multiple sessions are supported
- E-mail notification
- Send voice mail from control room to all monitors
- Easy setup by PC tool



\* E-lock for Door Station requires Relay Box (Sold separately, Model-No. VL-RLY1)