Panasonic

IP
Camera

Smart
Phone

Room
Monitor

Door
Station

Guard
Station

Lobby
Station

Video Intercom Solution
for Safe, Secure and Convenient Living

User-friendly UI, easy-to-use functions, and flexible network connectivity options support safe reception of visitors, peace of mind while away, and convenient use of public amenities.

*Smartphone and IP Cameras are not included.

Greet Visitors Anytime, Anywhere

The Smartphone Connect feature connects mobile devices to the system so homeowners can receive guests anytime, anywhere. Answer guests in real-time through the smartphone whether you're inside or outside your home.

Safe and Quick Contactless Entry

Residents simply need to send a QR code to their invited guests or deliveries in advance, so they can directly go to the unit's front door.

All-day Surveillance through Smartphones

Internet protocol (IP) cameras can provide live view videos of public spaces such as the lobby, car parking, and recreational areas for security purposes. Residents able to access via room monitor and smartphones anytime, anywhere.

*Up to 100 Internet protocol (IP) cameras can be integrated with IP video intercom system.

Car Parking   Swimming Pool   Gym

Entrance   Elevator

Hall   Lobby   Path   Kids room
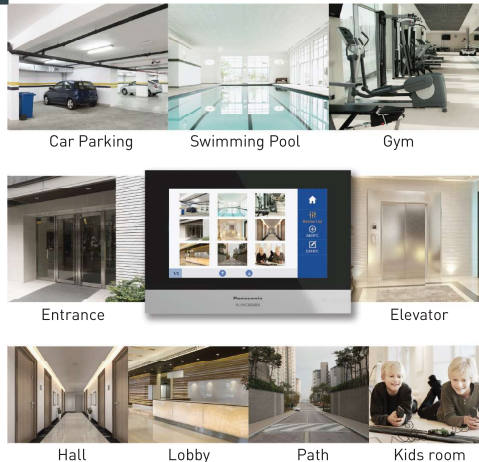
Additional Security with SOS One Touch

Security measure that connects residents to the guard station with just one push of the button in case of a break-in or other emergencies.

*Up to 8 slots can be used to link 3rd party devices (SOS buttons and sensors) to the IP video intercom system.

Security Detection for Home Safety

The integration can be connected to the room monitor to detect emergencies such as fire, smoke, and break-ins. Upon detection, an alarm will be sent to the guard station simultaneously.

*Up to 8 slots can be used to link 3rd party devices (SOS buttons and sensors) to the IP video intercom system.

Motion Sensor
Smoke Sensor
Door Sensor
Gas Sensor
SOS

Elevator Ride Made Convenient and Easy

Up to 4F

Contactless Guide to Your Guests and Deliveries

Using the room monitor or smartphones, residents can control the elevator to receive guests or deliveries. By specifying the exact floor, elevator will stop accordingly so guests will easily find the unit and be prevented from roaming to other floors.
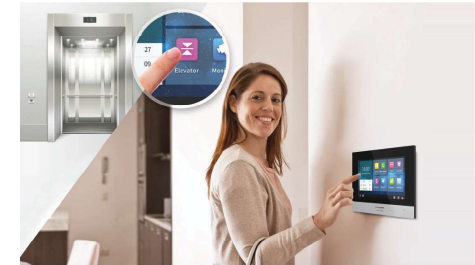
On-time Departure At Your Convenience

Residents can control the elevator even before leaving their unit to eliminate waiting time.

Video Intercom Solution

Room Monitor
VL-MC3000BX

Features:
- **Video intercom:** Video communication & remote e-lock unlock
- **Room to room intercom:** Calls resident in the same community
- **Leave message:** Supports voice mail function with photo
- **Intercom log:** Supports to record including outdoor door station automatic capture visitors' image
- **Do not disturb mode:** Supports manual setting and define DND time period
- **Alarm zone:** 3 modes of build-in alarm zone functions (Armed Stay, Armed Away, Disarmed)
- **Call center:** Calls and send SOS message to guard station
- **Video surveillance:** Surveils authorized outdoor station and IPC
- **Elevator integration:** Calls elevator and control elevator (3rd Party Option)
- **Unlock password configuration:** Can set unlock password for lobby station
- **Ringtone Configuration:** Can set the ringtones for incoming and outgoing calls
- **Vandal-resistant:** Sends alarm information to local management software if someone attempts to remove the device
- **Other functions:** Supports address book, blacklist, web parameter configuration & time synchronization

Connectable devices:
- Security camera
- Access controller
- Second doorbell
- Elevator controller*1
- Alarm sensors (Supported up to 8 slots)

Lobby Station
VL-VC3900BX

Features:
- **Video intercom:** Video communication with room monitor, guard station and mobile app, remote e-lock unlock, automatic capture an image
- **Leave message:** Visitor can leave a voice message, with a photo
- **Video surveillance:** Supports room monitors, guard station and mobile app to monitor the video of lobby station
- **E-lock unlocking function:**
  - Supports password unlock
  - Supports remote unlock from mobile app or intercom devices
  - Supports QR code unlock
  - Temporary QR and password unlock: Can generated from mobile app for visitors to unlock within a preset time period
- **Elevator integration:** Calls elevator and control elevator (3rd party Option)
- **Customized Screen:** Able to customize screen saver image
- **Ringtone Configuration:** Can set the ringtones for incoming and outgoing calls
- **12V output:** 12V output can give power supply to external device
- **Vandal-resistant:** Sends alarm information to local management software if someone attempts to remove the device
- **Other functions:** Supports door open function, door status monitoring, door open timeout alarm, web parameter configuration & time synchronization

Connectable devices:
- Electric lock
- Elevator controller*1
- Door state detector
- Lock release button
- Fire detector
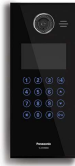
Door Station
VL-VC3500BX

Features:
- **Video intercom:** Video communication with room monitor and mobile app, remote e-lock unlock, automatic capture an image
- **Leave message:** Visitor can leave a voice message with a photo
- **Video surveillance:** Supports room monitors, guard station and mobile app to monitor the video of door station
- **E-lock unlocking function:** Support remote unlock from mobile app or intercom devices
- **Vandal-resistant:** Sends alarm information to local management software if someone attempts to remove the device
- **Other functions:** Supports door open function, door status monitoring, door open timeout alarm, web parameter configuration & time synchronization

Connectable devices:
- Electric lock
- Door state detector
- Lock release button

Guard Station
VL-GC3700BX

Features:
- **Video intercom:** Video communication & remote e-lock unlock
- **Leave message:** Supports voice mail function with photo
- **SOS / Alarms record:** Receives SOS or other alarm information from room monitor and record it, security personnel can send a video call to corresponding room monitor
- **Intercom log:** Supports to record intercom log including outdoor station automatic capture visitors' image
- **Video surveillance:** Surveils authorized outdoor station and IPC
- **Special IPC:** Can switch video of a special IPC to room monitor
- **Transfer function:** If there are two or more guard station, security personnel can transfer all income call to other guard station when necessary
- **Ringtone Configuration:** Can set the ringtones for incoming and outgoing calls
- **Other functions:** Supports Web parameter configuration & time synchronization
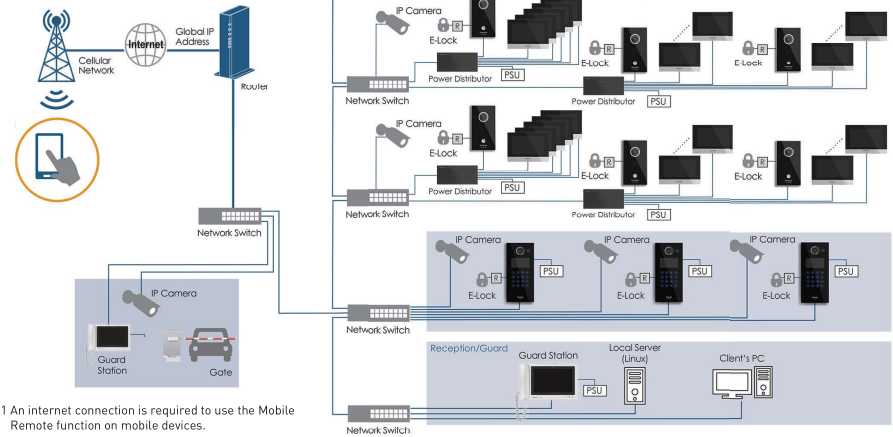
Connectable devices:
- Security camera

*1 A third-party elevator controller is required for elevator integration. Elevator controllers are not available in some areas. For more information about elevator integration, please consult your dealer.

System Diagram of the IP Apartment System

Support up to 9,999 Video Intercom devices

**Function:**
- Mobile Remote*1
- Multiple sessions are supported.
- Easy setup by local management software.
- Can send messages (or image) from the local management software on a PC to residents' room monitors/ mobile devices.

*1 An internet connection is required to use the Mobile Remote function on mobile devices.

Maximum number of connectable devices per IP Video Intercom System

Up to 100 IPC
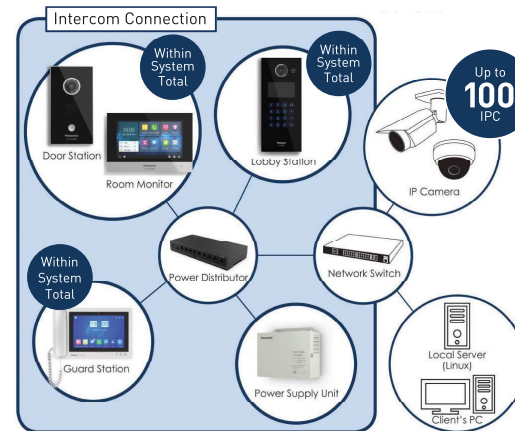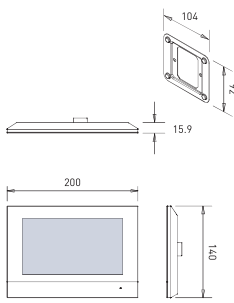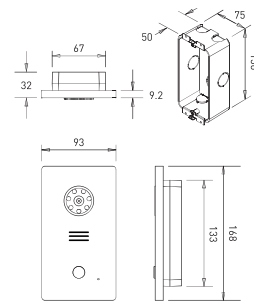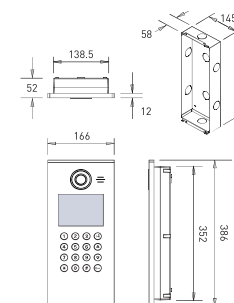
System Total Up to 9,999 Video Intercom Devices (without security devices).
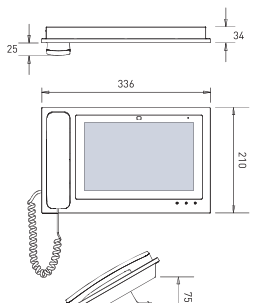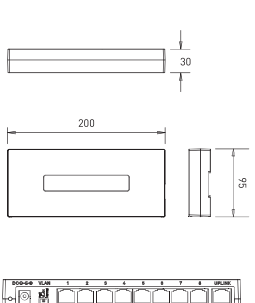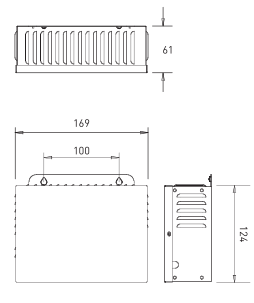
Maximum number of connectable monitors per Residential Unit

Up to 6 Room Monitors

Up to 6 Smart Phones*
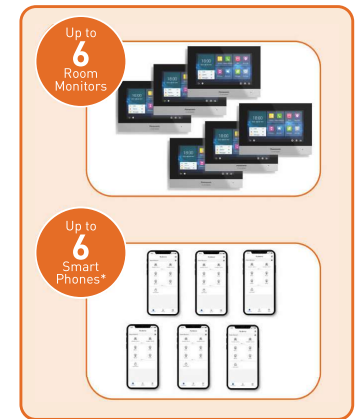
*Compatible mobile devices: iPhone 5s and later, iPad Air and later (iOS 11 and later) / Andriod™ devices (Android 4.4 and later), as of June 2022.

Up to 6 mobile devices can be registered per residence (room number).

In order to use the Mobile App on your mobile devices, you must register them in the local management software tool.

For information about downloading and installing the mobile app, please consult your nearest dealer.

Specifications

Left Table

	Room Monitor VL-MC3000BX	Door Station VL-VC3500BX	Lobby Station VL-VC3900BX
Dimension (Unit: mm)	200mm(w) x 140mm(h) x 15.9mm(d)	93mm(w) x 168mm(h) x 9.2mm(d)*1	166mm(w) x 386mm(h) x 12mm(d)*1
Power Source	Power distributor (VL-PC3800BX:sold separately) or Power supply unit (VL-PC3400BXB/C/D: sold separately) 27V DC, 0.20A	Power distributor (VL-PC3800BX:sold separately) or Power supply unit (VL-PC3400BXB/C/D: sold separately) 27V DC, 0.22A	Power distributor (VL-PC3800BX:sold separately) or Power supply unit (VL-PC3400BXB/C/D: sold separately) 27V DC, 0.13A
Power Consumption	Standby: 1.7 W, Operating: 5.5 W	Standby: 3.0 W, Operating: 6.0 W	Standby: 2.5 W, Operating: 3.5 W
Mass (Weight)	Approx. 380 g	Approx. 350 g	Approx. 1600 g
Operating Environment	Ambient temperature: Approx. -25°c to +55°c Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -40°c to +70°c Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -40°c to +70°c Relative humidity (non-condensing): up to 90 %
Display	7-inch wide colour display with touch screen (1024x600 pixels)	–	5.5-inch wide colour display (480x272 pixels)
Display Language	English, Chinese, Vietnamese and Indonesian		English, Chinese, Vietnamese and Indonesian
Talking Method	Hands-free	Hands-free	Hands-free
Network Interface	RJ45, 10BASE-T/100BASE-TX (Auto MDI/MDI-X)	RJ45, 10BASE-T/100BASE-TX (Auto MDI/MDI-X)	RJ45, 10BASE-T/100BASE-TX (Auto MDI/MDI-X)
Network Protocol	IPv4, TCP, ICMP, UDP, RTSP, HTTP, DNS, RTP, RTMP, ARP, NTP	IPv4, TCP, ICMP, UDP, RTSP, HTTP, DNS, RTP, RTMP, ARP, NTP	IPv4, TCP, ICMP, UDP, RTSP, HTTP, DNS, RTP, RTMP, ARP, NTP
Wiring	UTP (cat.5e or higher)	UTP (cat.5e or higher)	UTP (cat.5e or higher)
Expanded Interface	Sensor input x 8 (including emergency / urgency button)	Support for electric lock releasing (entrance unlocking) x 1	Support for electric lock releasing (entrance unlocking) x 1
Viewing Angle	–	Horizontally: Approx. 78°,Vertically: Approx.58°	Horizontally: Approx. 78°,Vertically: Approx.58°
Image Sensor/ Camera (Pixel)	–	2.0 M pixels CMOS sensor	2.0 M pixels CMOS sensor
Min.Illuminance Required	–	0.01 lx (within approx. 50 cm from the camera lens)	0.01 lx (within approx. 50 cm from the camera lens)
Lighting Method	–	White coloured LED lights	White coloured LED lights
Video/ Audio Format	Video: H.264, Audio: G.711	Video: H.264, Audio: G.711	Video: H.264, Audio: G.711
IP rating (Ingress Protection)	IP30	IP54*2	IP54*2
IK rating (Impact Protection)	–	IK04	IK07
Recording	Internal memory (image and audio can be saved)	–	–
Installation Method	Surface mount with magnet	Flush mount	Flush mount
External Material	PMMA + ABS	AL + Tempered glass	AL + Tempered glass
Colour	Black with silver bottom border	Black	Black
Operation System	Linux	Linux	Linux
CPU	ARM CORTEX-A7	ARM CORTEX-A7	ARM CORTEX-A7
RAM	64MB(512Mbit)	64MB(512Mbit)	64MB(512Mbit)
Flash	16MB(128Mbit)	16MB(128Mbit)	16MB(128Mbit)

Right Table

	Guard Station VL-GC3700BX	Power Distributor VL-PC3800BX	Power Supply Unit VL-PC3400BXB/C/D
Dimension (Unit: mm)	336mm(w) x 210mm(h) x 34mm(d)	200mm(w) x 95mm(h) x 30mm(d)	196mm(w) x 124mm(h) x 61mm(d)
Power Source	Power distributor (VL-PC3800BX:sold separately) or Power supply unit (VL-PC3400BXB/C/D: sold separately) 27V DC, 0.3A	Power distributor (VL-PC3800BX:sold separately) or Power supply unit (VL-PC3400BXB/C/D: sold separately) 27V DC, 2A	Input: 220-240 V AC, 0.65A (50/60 Hz);
Power Consumption	Standby: 3.0 W, Operating: 8.0 W	Standby: 0.5 W	–
Mass (Weight)	Approx. 2000 g	Approx. 250 g	Approx. 800 g
Operating Environment	Ambient temperature: Approx. -10°c to +55°c Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -25°c to +70°c Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -40°c to +50°c Relative humidity (non-condensing): up to 90 %
Display	10.1-inch wide colour display with touch screen (1280x800 pixels)	–	–
Display Language	English, Chinese, Vietnamese and Indonesian	–	–
Talking Method	Hand/ Hands-free	–	–
Network Interface	RJ45, 10BASE-T/100BASE-TX (Auto MDI/MDI-X)	RJ45, 10BASE-T/100BASE-TX (Auto MDI/MDI-X)	–
Network Protocol	IPv4, TCP, ICMP, UDP, RTSP, HTTP, DNS, RTP, RTMP, ARP, NTP	–	–
Wiring	UTP (cat.5e or higher)	UTP (cat.5e or higher)	UTP (cat.5e or higher)
Expanded Interface	–	–	–
Viewing Angle	Horizontally: Approx. 73°, Vertically: Approx. 45°	–	–
Image Sensor/ Camera (Pixel)	1.3M pixels CMOS sensor	–	–
Min.Illuminance Required	0.01 lx (within approx. 50 cm from the camera lens)	–	–
Lighting Method	White coloured LED lights	–	–
Video/ Audio Format	Video: H.264, Audio: G.711	–	–
IP rating (Ingress Protection)	IP30	IP30	IP30
IK rating (Impact Protection)	–	–	–
Recording	Internal memory (image and audio can be saved)	–	–
Installation Method	Desktop/ Flush mount	DIN-Rail Mounting	Flush mount
External Material	AL + Tempered glass	ABS	Metal
Colour	Aluminium colour	–	–
Operation System	Linux	–	–
CPU	ARM CORTEX-A7 Dual Core	–	–
RAM	1GB(8Gbit)	–	–
Flash	256MB(2Gbit)	–	–

*1 Excluding sections embedded into the wall.
*2 Water resistance is only assured if the product is installed correctly according to the instructions in the Operating Instructions, and appropriate water protection measures are taken.