

# 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.

# SAFE, SECURE AND CONVENIENT LIVING

## 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.



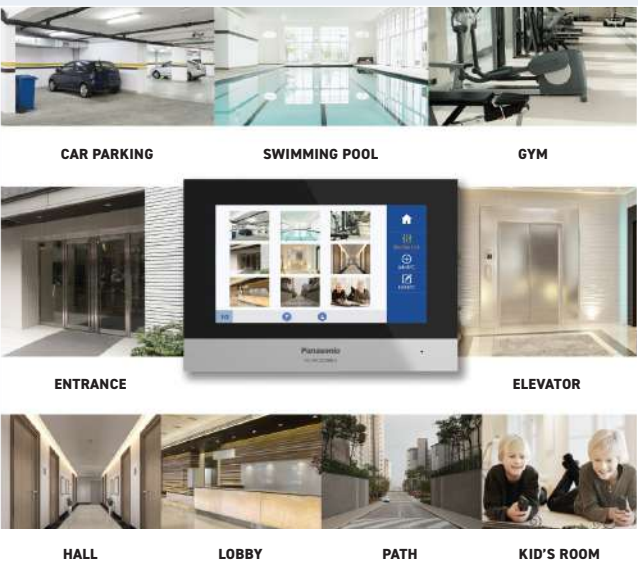
## Safe and Quick Contactless Entry

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.



# Elevator Ride Made Convenient and Easy



## 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.

# 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.

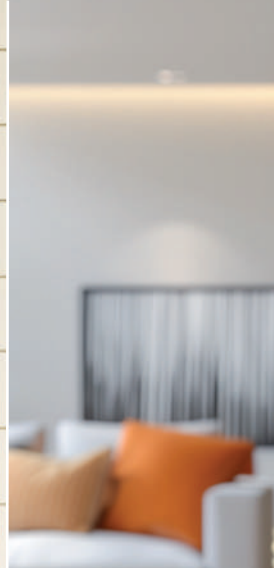


# Additional Security with SOS One Touch

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.





## ANALOG VIDEO DOOR PHONES

### VL-SV74



Door Station  
VL-V524



Main Monitor Station  
VL-MV74

#### KEY FEATURES

- Handsfree Video Intercom
- Elegant Design with High Durability
- High Definition Door Camera with 1.3MP Resolution
- Easy Installation with 2 wire connectivity
- 7-inch Wide Color Screen
- Room to room intercom
- Multi Indoor (4) & Outdoor (2) Units Supported
- Voice Changer Function
- Call Transfer Function Support
- Color Night Vision with White LED
- 200 Image storage with built-in memory
- Electric Lock Intergration
- Camera Angle Adjustment with Joystick

### VL-SV71



Door Station  
VL-522L



Main Monitor Station  
VL-MV70

#### KEY FEATURES

- Handsfree Video Intercom
- Elegant Built Quality with High Durability
- Premium picture quality
- Easy Installation with 2 wire connectivity
- 7-inch Wide Color Screen
- Room to room intercom
- Multi Indoor (4) & Outdoor (2) Units Supported
- Voice Changer Function
- Call Transfer Function Support
- Color Night Vision with White LED
- 400 Image storage with built-in memory
- Electric Lock Intergration
- Camera Angle Adjustment with Joystick



## ANALOG VIDEO DOOR PHONES

### VL-SA70



Door Station  
VL-VA500SX

Main Monitor Station  
VL-MA70SX

#### KEY FEATURES

- Handsfree Video Intercom
- Premium picture quality
- 7-inch Wide Color Screen
- Multi Indoor (4) & Outdoor (2) Units Supported
- Weather Proof with IP65 Rating
- Night Vision with IR LED
- Electric Lock Intergration
- 120 Image storage with built-in memory
- SD Card Support up 32 GB enables Video Recording\*
- Room to room intercom

### VL-SA71



Door Station  
VL-VA502SX

Main Monitor Station  
VL-MA71SX

#### KEY FEATURES

- Handsfree Video Intercom
- High Definition Door Camera with 2MP Resolution
- 7-inch Wide Color Screen
- Multi Indoor (4) & Outdoor (2) Units Supported
- Weather Proof with IP65 Rating
- Color Night Vision with White LED
- Electric Lock Intergration
- Camera Angle Adjustment with Joystick
- Vandal Proof with IK08 Rating

### VL-SA72

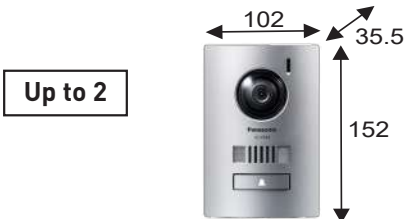
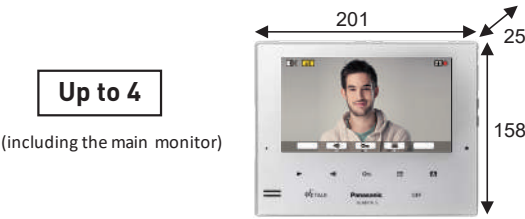


Door Station  
VL-VA502SX

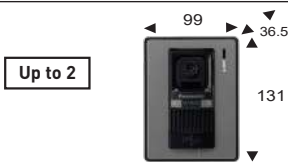
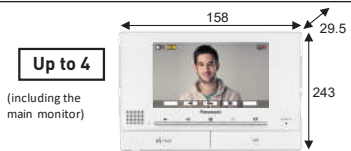
Main Monitor Station  
VL-MA72SX

#### KEY FEATURES

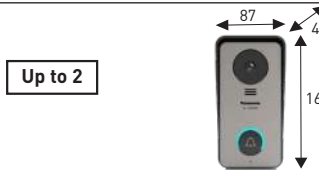

- Handsfree Video Intercom
- High Definition Door Camera with 2MP Resolution
- 7-inch Wide Color Screen
- Multi Indoor (4) & Outdoor (2) Units Supported
- Weather Proof with IP65 Rating
- Color Night Vision with White LED
- Electric Lock Intergration
- Camera Angle Adjustment with Joystick
- Vandal Proof with IK08 Rating
- 100 Image storage with built-in memory
- SD Card Support up 32 GB enables Video Recording\*

	Analog Video Door Phones	
Model Number & Model Name	VL-V524	VL-MV74-S (Silver)
	Door Station (Doorphone)	"Main Monitor Station/ Extension Monitor"
"Dimension (mm)"	 <p>Up to 2</p>	 <p>Up to 4 (including the main monitor)</p>
Power source	Power supplied by the main monitor	220-240 V AC, 50/60 Hz
Power consumption	-	Standby: 2.3 W, Operating: 11.3 W
Dimensions (H x W x D)*	152 x 102 x 35.5 mm	158 x 201 x 25 mm
Weight	225 g	730 g*2
Operating environment	"Ambient temperature: Approx. -15 °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 / WVGA (800 x 480 pixels)
Display language	-	English, Arabic
Talking method	-	Hands-free
Viewing angle	"Horizontally: Approx. 85° Vertically: Approx. 54°"	-
Internal Memory	-	200 Images ( 4 per Visitor)
Image sensor (pixel)	1/3 inch CMOS sensor (Approx. 1.3-megapixel)	-
Installation method	Surface mount (mounting base supplied)	Wall mount (mounting bracket supplied)
Lock Connection Relay	-	2 Relay (No Com)
Minimum illuminance required	"1 lx (within approx. 50 cm from the camera lens)"	-
Lighting method	Warm white coloured LED lights	-
IP rating / IK rating	IP44*3	-

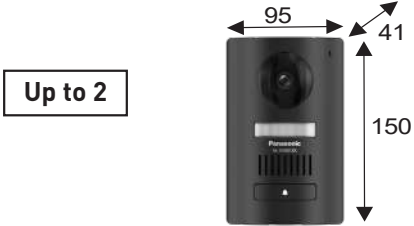
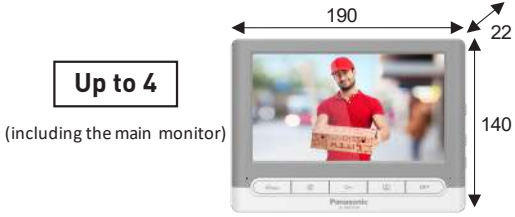
\*Excluding protruding sections

	Analog Video Door Phones	
Model Number & Model Name	VL-V522L	VL-MV71
	Door Station (Doorphone)	"Main Monitor Station /Extension Monitor"
"Dimension (mm)"		
Power source	Power supplied by the main monitor	220-240 V AC, 50/60 Hz
Power consumption	-	"Standby: Approx. 2.0 W During operation: Approx. 10.5 W"
Dimensions (H x W x D)*	131 x 99 x 36.5 mm	158 x 243 x 29.5 mm
Weight	200 g	825 g *2
Operating environment	"Ambient temperature: Approx. -15 °C to +55 °C Relative humidity (non-condensing): up to 90 % (tested up to -20 °C)"	"Ambient temperature: Approx. 0 °C to +40 °C Relative humidity (non-condensing): up to 90 %"
Display	-	7-inch wide colour / WVGA (800 x 480 pixels)
Display language	-	English, Arabic
Talking method	-	Hands-free
Viewing angle	"Horizontally: Approx. 87°, Vertically: Approx. 66°"	-
Internal Memory	-	400 Images (8 per Visitor)
Installation method	Surface mount (mounting base supplied)	Wall mount (mounting bracket supplied)
Lock Connection Relay	-	2 Relay (No Com)
Minimum illuminance required	"1 lx (within approx. 50 cm from the camera lens)"	-
Lighting method	Warm white coloured LED lights	-
IP rating / IK rating	IPX3*3	-

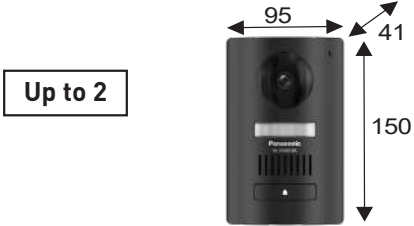

\*Excluding protruding sections

	Analog Video Door Phones	
Model Number & Model Name	VL-VA500SX	VL-MA70SX
	Door Station (Doorphone)	"Main Monitor Station /Extension Monitor"
"Dimension (mm)"		
Power source	Power supplied by the main monitor	DC 12V 1A, 50/60 Hz
Power consumption	-	Standby: <2.0 W, Operating: <5.0 W
Dimensions (H x W x D)*	168 x 87 x 41 mm	180 x 181 x 19 mm
Weight	218 g	380 g
Operating environment	"Ambient temperature: Approx. -20 °C to +50 °C Relative humidity (non-condensing): 10 % to 90 %"	"Ambient temperature: Approx. -20 °C to +50 °C Relative humidity (non-condensing): 10 % to 90 %"
Display	-	7-inch wide colour (Approx. 17.8cm)
Display language	-	English
Talking method	-	Hands-free
Viewing angle	"Horizontally: Approx. 120°, Vertically: Approx. 80°"	-
Internal Memory	-	120 Images
External Memory	-	Max 32 GB SD Card Supported
Image sensor (pixel)	700 TVL	-
Installation method	Surface mount (mounting base supplied)	Wall mount (mounting bracket supplied)
Lock Connection Relay	-1 Relay (No Com NC)	-
Minimum illuminance required	1 lx (within approx. 50 cm from the camera lens)	-
Lighting method	IR LED	-
IP rating / IK rating	IP55	-

\*Excluding protruding sections

	Analog Video Door Phones	
Model Number & Model Name	VL-VA502	VL-MA71
	Door Station (Doorphone)	"Main Monitor Station / Extension Monitor"
"Dimension (mm)"	 <p>Up to 2</p>	 <p>Up to 4 (including the main monitor)</p>
Power source	Power supplied by the main monitor	DC 14.5V 1A, 50/60 Hz
Power consumption	-	Standby: <3.0 W, Operating: <10.0 W
"Dimensions (H x W x D) (Excluding protruding sections)"	150 x 95 x 41 mm	140 x 190 x 22 mm
Weight	228 g	351 g
Operating environment	"Ambient temperature: Approx. -20 °C to +70 °C Relative humidity (non-condensing): 10 % to 90 %"	"Ambient temperature: Approx. -20 °C to +40 °C Relative humidity (non-condensing): 10 % to 90 %"
Display	-	7-inch wide colour (Approx. 17.8cm)
Monitor Resolution	-	1024 x 600
Display language	-	English, Arabic
Talking method	-	Hands-free
Viewing angle	"Diagonally: Approx. 120° Horizontally: Approx. 90° Vertically: Approx. 66°"	-
Image sensor (pixel)	1/3" CMOS with 2MP Lens	-
Stream Resolution (video)	-	720 x 576 pixels
Stream Resolution (image)	-	720 x 288 pixels
Installation method	Surface mount (mounting base supplied)	Wall mount (mounting bracket supplied)
Lock Connection Relay	1 Relay (No Com NC)	-
Minimum illuminance required	1 lx (within approx. 50 cm from the camera lens)	-
Lighting method	White LED	-
IP rating / IK rating	IP65 / IK08	-



	Analog Video Door Phones	
Model Number & Model Name	VL-VA502	VL-MA72
	Door Station (Doorphone)	"Main Monitor Station / Extension Monitor"
"Dimension (mm)"		
Power source	Power supplied by the main monitor	DC 14.5V 1A, 50/60 Hz
Power consumption	-	Standby: <3.0 W, Operating: <10.0 W
"Dimensions (H x W x D) (Excluding protruding sections)"	150 x 95 x 41 mm	140 x 190 x 22 mm
Weight	228 g	308 g
Operating environment	"Ambient temperature: Approx. -20 °C to +70 °C Relative humidity (non-condensing): 10 % to 90 %"	"Ambient temperature: Approx. -20 °C to +40 °C Relative humidity (non-condensing): 10 % to 90 %"
Display	-	7-inch wide colour (Approx. 17.8cm)
Monitor Resolution	-	1024 x 600
Display language	-	English, Arabic
Talking method	-	Hands-free
Viewing angle	"Diagonally: Approx. 120° Horizontally: Approx. 90° Vertically: Approx. 66°"	-
Internal Memory	-	100 Images
External Memory	-	Max 32 GB SD Card Supported (Class 10 & Above)
Image sensor (pixel)	1/3" CMOS with 2MP Lens	-
Stream Resolution (video)	-	720 x 576 pixels
Stream Resolution (image)	-	720 x 288 pixels
Installation method	Surface mount (mounting base supplied)	Wall mount (mounting bracket supplied)
Lock Connection Relay	1 Relay (No Com NC)	-
Minimum illuminance required	1 lx (within approx. 50 cm from the camera lens)	-
Lighting method	White LED	-
IP rating / IK rating	IP65 / IK08	-



## HYBRID VIDEO DOOR PHONES

### VL-SA611



Door Station  
VL-SA611SX



Main Monitor Station  
VL-MA611SX

- Handsfree Video Intercom
- High Definition Door Camera with 2MP Resolution
- Weather Proof with IP65 Rating
- Vandal Proof with IK08 Rating
- Color Night Vision with White LED
- Multi Indoor (4) & Outdoor (2) Units Supported
- SD Card Support up to 256 GB enables Video Recording\*
- Electric Lock Intergration
- Wi-Fi support (2.4 GHz Only)
- IP CCTV Camera Integration
- Motion Detection Alerts
- Home/Away/Sleep Modes
- Leave Message Function
- Smartphone connect for iOS and Android
- 7-inch Wide Color Touchscreen
- Room to room intercom



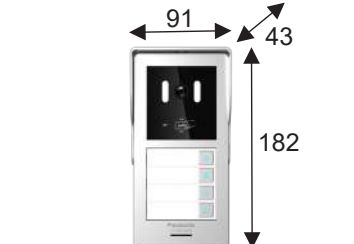
## 4-BUTTON DOOR STATION

### VL-VA514



Door Station  
VL-VA514SX

- Handsfree Video Intercom
- High Definition Door Camera with 2MP Resolution
- Weather Proof with IP65 Rating
- Vandal Proof with IK10 Rating
- Color Night Vision with White LED
- Support Multi Floor System (upto 4 floors)
- Built-in Omnidirectional Microphone
- Noise Suppression, Echo Cancellation
- RFID Card Unlock Support
- Exit Button Support
- Works with 2 layer security
- Name Tag Support for Each Button

	Hybrid Video Door Phones		4 - Button Door Station
Model Number & Model Name	VL-SA611		VL-VA514
	VL-VA511 Door Station (Doorphone)	VL-MA611 Main Monitor Station Extension Monitor	4-Button Door Station (Doorphone)
Dimension (mm)			
Power Source	Power supplied by the main monitor	DC 14.5V 1A, 50/60 Hz	DC 14.5V 1A, 50/60 Hz
Power Consumption	-	Standby: <3.0 W, Operating: <10.0 W	Standby: <3.0 W, Operating: <10.0 W
Dimensions (H x W x D) (Excluding protruding sections)	150 x 95 x 41 mm	143 x 200 x 22 mm	182 x 91 x 43 mm
Weight	226 g	408 g	400 g
Operating Environment	Ambient temperature: Approx. -20 °C to +70 °C Relative humidity (non-condensing): 10 % to 90 %	Ambient temperature: Approx. -20 °C to +40 °C Relative humidity (non-condensing): 10 % to 90 %	Ambient temperature: Approx. -20 °C to +70 °C Relative humidity (non-condensing): 10 % to 90 %
Display	-	7-inch wide colour capacitive touchscreen (Approx. 17.8cm)	-
Monitor Resolution	-	1024 x 600	-
Operating System	-	Linux	-
Wi-Fi Connectivity	-	2.4 G Hz Only	-
Mobile App Supported	-	Panasonic SmartWiFi	-
Display language	-	English, Arabic	-
Talking method	-	Hands-free	-
Supported Models	-	-	Supports Monitors from models: VL-SA71SX, VL-SA72SX & VL-SA611SX* [* Use Toggle switch to choose AHD or Analog Monitor]
Viewing angle	Diagonally: Approx. 155° Horizontally: Approx. 120° Vertically: Approx. 60°	-	Diagonally: Approx. 155° Horizontally: Approx. 120° Vertically: Approx. 60°
Internal Memory	-	100 Images	-
External Memory	-	Max 256 GB SD Card Supported (Class 10 & Above)	-
Camera Resolution	1/2.9" CMOS with 2MP Lens	-	1/3" CMOS with 2MP Lens
Stream Resolution (video)	-	1024 x 600 pixels	CVBS : 720 X 576 / AHD : 1024 X 600
Stream Resolution (image)	-	1024 x 600 pixels	CVBS : 720 X 288 / AHD : 1024 X 600
Installation method	Surface mount (mounting base supplied)	Wall mount (mounting bracket supplied)	Surface Mount / Flush Mount
Lock Connection Relay	1 Relay (No Com NC)	1 Relay (No Com NC)	1 Relay (No Com NC)
Minimum illuminance required	1 lx (within approx. 50 cm from the camera lens)	-	1 lx (within approx. 50 cm from the camera lens)
Lighting method	White LED	-	White LED
IP rating / IK rating	IP65 / IK08	-	IP65 / IK10



## IP VIDEO DOOR PHONE FOR SINGLE HOUSE

### VL-MC3000 + VL-VC3500



Door Station  
VL-VC3500



Room Monitor  
VL-MC3000

#### KEY FEATURES

- Smartphone connect for iOS and Android with Remote Unlock Support
- 7-Inch Color Touchscreen Room Monitor
- Room to Room Intercom
- Leave Message Function
- SOS Function Support
- Multiple Outdoor (2), Indoor (6), Mobile App User (6) Support
- External IP CCTV Camera
- Sensor integration\* (up to 8 sensors)
- 2MP CMOS Sensor for High-Definition Images
- Weatherproof & Vandal proof
- Color Night vision with LED Lights
- Tamper Alerts

Note: \*Power distributor unit (VL-PC3800) is required for powering up these units.

### VL-SA74





Lobby Station  
VL-VA504SX



Room Monitor  
VL-MA74SX

#### KEY FEATURES

- Handsfree Video Intercom
- 7-inch Color Touchscreen (Mirror Finish)
- High-Definition Door Camera with 2MP Resolution
- Room to room intercom & Call Transfer Function Support.
- Multi Indoor (4) & Outdoor (2) Units Supported
- Weatherproof (IP65) & Vandal proof (IK08) Outdoor Unit
- Color Night Vision with White LED
- 100 Image storage with built-in memory
- Alarm Sensor Integration\* (up to 8 sensors)
- SD Card Support up to 256 GB enables video recording function.
- RFID Card Unlock Support with Electric Lock Integration
- IP CCTV Camera Integration through Wi-Fi (2.4 GHz Only)
- Motion Detection/Tamper Alerts from door station (outdoor unit).
- Mobile App Access for iOS & Android (Panasonic SmartWiFi)
- Exit Button & Door Status supported.

	IP Video Door Phones Solution for Single House	
Model Number & Model Name	VL-VA504	VL-MA74
	Door Station (Doorphone)	Main Monitor station (Main monitor) Extension Monitor
Dimension (mm)	<div>Up to 2</div> 	<div>Up to 4 (including the main monitor)</div> 
Power Source	Power supplied by the main monitor over Cat6 / IEEE 802.3af Standard PoE	DC 14.5V 1A, 50/60 Hz / IEEE 802.3af Standard PoE
Power consumption	-	Standby: <3.0 W, Operating: <10.0 W
Dimensions (H x W x D) [Excluding protruding sections]	150 x 95 x 41 mm	143 x 200 x 22 mm
Weight	234 g	424 g
Operating Environment	Ambient temperature: Approx. -20 °C to +70 °C Relative humidity (non-condensing): 10 % to 90 %	Ambient temperature: Approx. -20 °C to +40 °C Relative humidity (non-condensing): 10 % to 90 %
Display	-	7-inch wide colour capacitive touchscreen (Approx. 17.8cm)
Monitor Resolution	-	1024 x 600
Operating System	-	Linux
Wi-Fi Connectivity	-	2.4 G Hz Only
Mobile App Supported	-	Panasonic SmartWiFi
Display language	-	English, Arabic
Talking method	-	Hands-free
Audio Quality	Noise Suppression, Echo Cancellation	-
Audio Input	Built-in Omnidirectional Microphone	-
Viewing Angle	Diagonally: Approx. 155° Horizontally: Approx. 120° Vertically: Approx. 60°	—
Internal Memory	-	100 Images
External Memory	-	Max 256 GB SD Card Supported (Class 10 & Above)
Camera Resolution	1/2.9" CMOS with 2MP Lens	—
Stream Resolution (video)	-	1280 x 720 pixels
Stream Resolution (image)	-	1024 x 600 pixels
Installation method	Surface mount (mounting base supplied)	Wall mount (mounting bracket supplied)
Lock Connection Relay	1 Relay (No Com NC)	1 Relay (No Com NC)
Door Status Connection	1 NC Relay	-
Alarm Sensor	-	8
RFID Support	125 KHz RFID Support	-
Minimum illuminance required	1 lx (within approx. 50 cm from the camera lens)	-
Lighting method	White LED	-
IP rating / IK rating	IP65 / IK08	-





## IP VIDEO DOOR PHONE WITH 3 TIER SECURITY

### VL-VC3500



Door Station  
VL-VC3500BX

#### KEY FEATURES

- 2MP CMOS Sensor for High-Definition Images
- Leave Message Function
- Tamper Alerts
- Weatherproof with IP54 rating
- Color Night vision with LED Lights

### VL-MC3000



Room Monitor  
VL-MC3000BX

#### KEY FEATURES

- Video Communication and remote e-lock unlock
- Room to Room Intercom
- DND Mode Support
- Supports 8 Alarm Zones
- External IP CCTV Camera integration
- Tamper Alerts
- SOS Function
- Custom Ringtone Support



## IP VIDEO DOOR PHONE WITH 3 TIER SECURITY

### VL-GC3700



Guard Station  
VL-GC3700BX

#### KEY FEATURES

- 10" Touchscreen Display
- 1.3 MP HD Camera
- External IP CCTV Camera integration
- SOS Function

### VL-VC3900

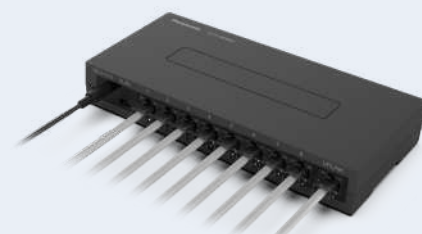


Lobby Station  
VL-VC3900BX

#### KEY FEATURES

- 2MP CMOS Sensor for High-Definition Images
- 5.5" LCD Color Display
- Leave Message Function
- QR Code Function Support
- Weatherproof with IP54 rating
- Color Night vision with LED Lights
- Backlit Keypad
- Communication with Guard Station



### VL-PC3800



Power Distributor  
VL-PC3800BX

#### KEY FEATURES

- 8 Ports for Powering up 8 Devices
- Dust Proof with IP30 rating
- Uplink Connection

	IP Video Door Phones Solutions with 3 Tier Security	
Model Number & Model Name	VL-VC3500	VL-MC3000
	Door Station	Room Monitor
Image		
Power Source	Power Distributor: VL-PC3800BX-E (sold separately) Power supply unit : 27V DC, 0.5A	Power Distributor: VL-PC3800BX-E (sold separately) Power supply unit : 27V DC, 0.5A
Power Consumption	Standby: 3.0 W, Operating: 6.0 W	Standby: 1.7 W, Operating: 5.5 W
Dimensions (H x W x D) (Excluding protruding sections)	Approx. 168 mm x 93 mm x 32 mm	Approx. 140 mm x 200 mm x 15.9 mm
Mass (Weight)	Approx. 350 g	Approx. 380 g
Operating Environment	Ambient temperature: Approx. -40°C to +70°C Relative humidity (non-condensing): up to 90 %	Ambient temperature: Approx. -25 °C to +55 °C Relative humidity (non-condensing): up to 90 %
Display	—	7-inch wide colour display with touch screen (1024x600 pixels)
Display Language	—	English, Chinese, Vietnamese and Indonesian
Talking Method	Hands-free	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	IPv4, TCP, ICMP, UDP, RTSP, HTTP, DNS, RTP, RTMP, ARP, NTP
Wiring	UTP (cat.5e or higher)	UTP (cat.5e or higher)
Expanded Interface	Support for electric lock releasing (entrance unlocking) x 1	Sensor input x 8 (including emergency / urgency button)
Viewing Angle	Horizontally: Approx. 78°, Vertically: Approx. 58°	—
Image Sensor/ Camera (Pixel)	2.0 M pixels CMOS sensor 1/2.7-inch CMOS sensor 3.6mm EFL	—
Minimum 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	Video: H.264, Audio: G.711
IP rating (Ingress Protection)	IP54	IP30
IK rating (Impact Protection)	IK04	—
Recording	—	Internal memory (image and audio can be saved)
Installation Method	Flush mount	Surface mount with magnet
External Material	AL + Tempered glass	PMMA+ABS
Colour	Black	Black with silver bottom border
Operation System	Linux	Linux
CPU	ARM CORTEX-A7	ARM CORTEX-A7
RAM	64MB (512Mbit)	64MB (512Mbit)
Flash	16MB (128Mbit)	16MB (128Mbit)

	IP Video Door Phones Solutions with 3 Tier Security		
Model Number & Model Name	VL-VC3900	VL-GC3700	VL-PC3800
	Lobby Station	Guard Station	Power Distributor
Image			
Power Source	Power Distributor: VL-PC3800BX-E (sold separately) Power supply unit : 27V DC, 0.5A	Power distributor (VL-PC3800BX:sold separately) or Power supply unit : 27V DC, 0.3A	Power Supply Unit Input: 27V DC, 2A
Power Consumption	Standby: 2.5 W, Operating: 3.5 W	Standby: 3.0 W, Operating: 8.0 W	Standby: 0.5 W
Dimensions (H x W x D) (Excluding protruding sections)	Approx. 386 mm x 166 mm x 52 mm	Approx. 210 mm x 336 mm x 34 mm	Approx. 95 mm x 200 mm x 30 mm
Mass (Weight)	Approx. 1600 g	Approx. 2000 g	Approx. 250 g
Operating Environment	Ambient temperature: Approx. -40 °C to +70 °C Relative humidity (non-condensing): up to 90 %	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 %
Display	5.5-inch wide colour display (480x272 pixels)	10.1-inch wide colour display with touch screen (1280x800 pixels)	—
Display Language	English, Chinese, Vietnamese and Indonesian	English, Chinese, Vietnamese and Indonesian	—
Talking Method	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	—
Wiring	UTP (cat.5e or higher)	UTP (cat.5e or higher)	UTP (cat.5e or higher)
Expanded Interface	Support for electric lock releasing (entrance unlocking) x 1	—	—
Viewing Angle	Horizontally: Approx. 76°, Vertically: Approx. 50°	Horizontally: Approx. 73°, Vertically: Approx. 45°	—
Image Sensor/ Camera (Pixel)	2.0 M pixels CMOS sensor 1/2.7-inch CMOS sensor 3.6mm EFL	1.3M pixels CMOS sensor 1/4-inch CMOS sensor 2.8mm EFL	—
Minimum 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	—
IP rating (Ingress Protection)	IP54	IP30	IP54
IK rating (Impact Protection)	IK07	—	—
Recording	—	Internal memory (image and audio can be saved)	—
Installation Method	Flush mount	Desktop / Flush mount	DIN-Rail Mounting
External Material	AL + Tempered glass	AL + Tempered glass	ABS
Colour	Black	Aluminum color	—
Operation System	Linux	Linux	—
CPU	ARM CORTEX-A7	ARM CORTEX-A7 Dual Core	—
RAM	64MB (512Mbit)	1GB (8Gbit)	—
Flash	16MB (128Mbit)	16MB (128Mbit)	—



# RANGE OF SMART SECURITY CAMERAS

## PI-BUA3MWA



### KEY FEATURES

- 1/2.7" 3MP Progressive CMOS Sensor.
- Supports H.265+, H.265 & H.264, Dual-Stream Encoding.
- 3.6mm Lens.
- IR Distance 20m.
- Mic Built-In.
- PoE Built-In.
- Wi-Fi Built-In (2.4 Ghz Only)\*
- Loaded with Key Analytics like Human Detection, Line Crossing, Intrusion Detection, etc.

## PI-BUA5MWA



### KEY FEATURES

- 1/2.9" 5MP Progressive CMOS Sensor.
- Supports H.265+, H.265 & H.264, Dual-Stream Encoding.
- 3.6mm Lens.
- IR Distance 20m.
- Mic Built-In.
- PoE Built-In.
- Wi-Fi Built-In (2.4 Ghz Only)\*
- Loaded with Key Analytics like Human Detection, Line Crossing, Intrusion Detection, etc.

## PI-DNA3PWA



### KEY FEATURES

- 1/2.9" 3MP Progressive CMOS Sensor.
- Supports H.265+, H.265 & H.264, Dual-Stream Encoding.
- 3.6mm Lens.
- IR Distance 30m.
- Mic Built-In.
- PoE Built-In.
- Wi-Fi Built-In (2.4 Ghz Only)\*
- Loaded with Key Analytics like Human Detection, Line Crossing, Intrusion Detection, etc.





## RANGE OF SMART SECURITY CAMERAS

### PI-DUA5MWA



#### KEY FEATURES

- 1/2.9" 5MP Progressive CMOS Sensor.
- Supports H.265+, H.265 & H.264, Dual-Stream Encoding.
- Wi-Fi Built-In (2.4 Ghz Only)\*
- Loaded with Key Analytics like Human Detection, Line Crossing, Intrusion Detection, etc.
- 3.6mm Lens.
- IR Distance 20m.
- Mic Built-In.
- PoE Built-In.

### PI-PNA2PWA



#### KEY FEATURES

- 2MP Wi-Fi 360° PT Camera.
- 1/2.9" CMOS Image Sensor.
- Supports H.264 Video Compression.
- Wi-Fi Built-In (2.4 Ghz Only)\*.
- Human Detection.
- 3.6mm Lens.
- IR Distance 10m.
- Mic and Speaker Built-In
- Supports 2-way Audio.
- Preset Function Support

### PI-HRA081A



#### KEY FEATURES

- 8 Channel NVR with 4K video real-time.
- Support H.265+/H.265/H.264 streams.
- Wi-Fi Ready (Need USB Dongle\*)
- Loaded with Key Analytics like Human Detection, Line Crossing, Intrusion Detection, etc.
- Support video playback, remote monitoring, and backup.
- Support 1 SATA for HDD, support upto 10TB
- Support Smart Analysis.
- Upgrade to 16 Channel\*
- Mobile Application for iOS and Android.
- Free CMS application for live viewing and playback.

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