

Panasonic®

Product Specification Sheet

IP Video Intercom System – Room Monitor

Model No. **VL-MC3035BX / VL-MC3035WX**



1. Basic information

- Dimension: Approx. 130 mm × 194 mm × 15.9 mm
- Color: White or Black with silver bottom border
- External material: PMMA + ABS
- Operation: Capacitive touch screen
- Installation: 3"× 3" concealed box / 86 back box and surface mount bracket with magnet

2. Features

- 7-inch colour display with capacitive touch screen
- Video intercom: Video & Audio communication
- Easy binding steps: Scan QR code at Room Monitor's display with Mobile Apps
- Remote unlock: Unlock e-lock connected to Door Stations and open door remotely
- Second doorbell: Doorbell port for connection to traditional doorbell switch
- SOS/Duress: Send SOS alert to Mobile Apps
- Voice message: Listen to audio messages left by visitors
- Intercom log: Supports logging of call history.
- Video Recording: Automatic Video and Audio recording during calls (with MicroSD Card)
- Voice Changer: Transform female to male voice in a real-time call.
- Expendable storage: MicroSD Card supported and included
- Wi-Fi: Connect Room Monitor to the network using 2.4GHz Wi-Fi connection
- Surveillance: Monitor Door Stations and IP CCTV cameras within the same network
- Screen Clean: When wiping or cleaning the screen, you can freeze the screen for 60 seconds
- Device Removal Alarm: When device is removed, alarm will be sounded, and alert will be sent
- Do not disturb mode: Your room monitor will be in silent mode
- Ringtone Configuration: Can set the ringtones for incoming calls

3. Specifications

System Parameters	
Operation system	Linux
Flash	128MB
RAM	64MB
Storage (MicroSD Card)	32GB (Included)
Display Parameters	
Size	7-inch wide colour display
Operation Method	Capacitive touch screen
Display Resolution	1024 x 600
Video Parameters	
Video Codec	H.264 & H.265
Video Resolution	VGA, 720P
Audio Parameters	
Audio Compression	G.711
Speaker	8Ω / 0.5W
Microphone	-56 ± 2dB
Network Parameters	
Wi-Fi	Supported (WLAN 2.4GHz)
Wiring	UTP (Cat 5e or higher)
Protocol	IPv4; TCP/IP; ICMP; UDP; RTSP; HTTP; DNS; RTP; RTMP; ARP; NTP
Device Interfaces	
Network Interface	RJ45, 10BASE-T/100BASE-TX (Auto MDI/MDI-X)
Power Out Port	12V, 200mA max
Alarm Input	—
Doorbell Port	1
Capacity	
Linked IP Camera	6 (Private IPC)
Text Messages	100
Voice Messages	10
Intercom Logs	100
Alarm Logs	100
Recording	100
*With MircoSD card (video with audio)	
General	
Power Source	PoE (IEEE 802.3af compliant, Class 0 device) or Power supply unit (Sold separately)
Operating Voltage	PoE 48V or 12 to 27VDC
Current Rating	POE 48V, 160mA or DC 12V, 630mA; or DC 27V, 280mA
Power Consumption	Standby: 2.7W; Operating: 3.8W (excluding power out)
Installation Method	Surface mount with magnet
Colour	Black / White
Dimensions (H x W x D) (Excluding protruding sections)	Approx. 130mm x 194mm x 15.9mm
Operating Temperature	-25°C to +50°C

Storage Temperature	-40°C to +70°C
Operating Humidity	Up to 90% (non-condensing)
IP rating (Ingress Protection)	IP30
IK rating (Impact Protection)	—
Talking Method	Hands-free
Display Language	English, Chinese, Vietnamese, Indonesian and Thai
Casing Material	PMMA + ABS
Weight	Without package: 330g; With package: 510g

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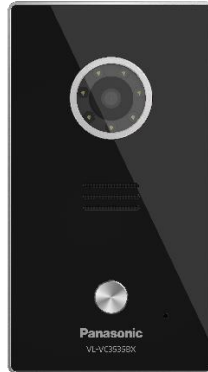
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Product Specification Sheet

IP Video Intercom System – Door Station

Model No. **VL-VC3535BX**



1. Basic information

- Dimension: Approx. 168mm x 93mm x 32mm
- Color: Black
- External material: AL + Tempered glass
- Operation: Mechanical Keys
- Installation: Flush mount

2. Features

- Video intercom: Built-in 2M pixel camera with microphone,
- Easy binding steps: Show or scan QR code from Mobile Apps to the Door Station
- E-lock unlocking function: Supports remote unlock from Mobile App or Room Monitors
- Leave message: Visitors can leave voice message
- Surveillance: Door Station video live-stream viewable on Room Monitors & Mobile Apps
- Device Removal Alarm: When device is removed, alarm will be sounded, and alert will be sent
- Connectable to external device: Electric Lock

3. Specifications

System Parameters	
Operation system	Linux
Flash	16MB
RAM	64MB
Display Parameters	
Size	—
Operation Method	Mechanical Keys
Resolution	—
Video Parameters	
Video Compression	H.264
Video Pixel	VGA, 720P
Camera Pixel	2.0M pixels CMOS sensor 1/2.7-inch CMOS sensor 3.7mm EFL
Minimum Illuminance Required	0.01lx (within approx. 50cm from the camera lens)
Camera Quantity	Single Camera
HDR	-
Viewing Angle	78°(H) / 58°(V)
Lighting Method	White coloured LED lights
Audio Parameters	
Audio Compression	G.711
Speaker	8Ω / 0.5W
Microphone	-54 ± 2dB
Face Recognition	
Face Capacity	—
IC Card	
Card Capacity	—
Frequency	—
Network Parameters	
Wiring	UTP (Cat 5e or higher)
Protocol	IPv4; TCP/IP; ICMP; UDP; RTSP; HTTP; DNS; RTP; RTMP; ARP; NTP
Device Interfaces	
Network Interface	RJ45, 10BASE-T/100BASE-TX (Auto MDI/MDI-X)
Power Out Port	—
RS485	Reserved
Relay Output	1
Fire Detect Port	—
Lock Release	1
Door Status Port	1
Wiegand Port	—

General	
Power Source	PoE Splitter or Power supply unit (Sold separately)
Operating Voltage	12 to 27VDC
Current Rating	DC 12V, 500mA; DC 27V, 220mA
Power Consumption	Standby: 3.0W, Operating: 6.0W
Installation Method	Flush mount
Colour	Black
Dimensions (H x W x D) (Excluding protruding sections)	Approx. 168mm x 93mm x 32mm
Operating Temperature	-20°C to +55°C
Storage Temperature	-40°C to +70°C
Operating Humidity	Up to 90% (non-condensing)
IP rating (Ingress Protection)	IP54
IK rating (Impact Protection)	IK04
Talking Method	Hands-free
Display Language	—
Motion Detect	—
External Material	AL + Tempered glass
Weight	Without package: 350g With package: 560g

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