

# Panasonic®

## Product Specification Sheet

### IP Video Intercom System – Room Monitor

Model No. **VL-MC3030BX / VL-MC3030WX**



#### 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
- Room to room intercom: Call residents within the same community through the Room Monitors
- Remote unlock: Unlock e-lock connected to Outdoor Stations and open door remotely
- Security: Built-in 8 alarm zones with 3 modes (Armed, Stay Armed & Disarmed)
- Second doorbell: Doorbell port for connection to traditional doorbell switch
- Call center: Call to the Guard Station
- SOS/Duress: Send SOS alert to Guard Station and Mobile Apps
- Voice message: Listen to audio messages left by visitors
- Text messages: Receive text messages from management and neighbors
- 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 authorized Outdoor Stations and CCTV cameras
- Elevator access control: Call elevator & Floor Access Control (with 3rd party elevator controller)
- Blocklist: You can add some room numbers to blocklist
- 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
- Web configuration: Engineer can set parameters on webpage
- Connectable to external device: IP CCTV Camera, Second Doorbell & Alarm sensors.

### 3. Specifications

<b>System Parameters</b>	
Operation system	Linux
Flash	128MB
RAM	64MB
Storage (MicroSD Card)	32GB (Included)
<b>Display Parameters</b>	
Size	7-inch wide colour display
Operation Method	Capacitive touch screen
Display Resolution	1024 x 600
<b>Video Parameters</b>	
Video Codec	H.264 & H.265
Video Resolution	VGA, 720P
<b>Audio Parameters</b>	
Audio Compression	G.711
Speaker	8Ω / 0.5W
Microphone	-56 ± 2dB
<b>Network Parameters</b>	
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
<b>Device Interfaces</b>	
Network Interface	RJ45, 10BASE-T/100BASE-TX (Auto MDI/MDI-X)
Power Out Port	12V, 200mA max (Output for alarm zone devices)
Alarm Input	8
Doorbell Port	1
<b>Capacity</b>	
Linked IP Camera	6 (Private IPC) + 12 (Public IPC)
Text Messages	100
Voice Messages	10
Intercom Logs	100
Alarm Logs	100
Recording	100 *With MircoSD card (video with audio)
<b>General</b>	
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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