Panasonic®

Product Specification Sheet

IP Video Intercom System – Room Monitor

Model No. **VL-MC3000BX**

1. Basic information

- Dimension: Approx. 130 mm × 194 mm × 15.9 mm
- Color: 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.
- Image Snapshot: Automatic capture visitors' image during calls.
- 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

System Parameters	
Operation system	Linux
Flash	16MB
RAM	64MB
Storage (MicroSD Card)	Not supported
Display Parameters	
Size	7-inch wide colour display
Operation Method	Capacitive touch screen
Display Resolution	1024 x 600
Video Parameters	
Video Codec	H.264
Video Resolution	VGA, 720P
Audio Parameters	
Audio Compression	G.711
Speaker	8Ω / 0.5W
Microphone	-56 ± 2dB
Network Parameters	
Wi-Fi	—
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 (Output for alarm zone devices)
Alarm Input	8
Doorbell Port	1
Capacity	
Linked IP Camera	6 (Private IPC) + 12 (Public IPC)
Text Messages	30
Voice Messages	10
Intercom Logs	30
Alarm Logs	30
Recording	—
General	
Power Source	Power distributor (VL-PC3800BX) or Power supply unit (Sold separately)
Operating Voltage	12 to 27VDC
Current Rating	DC 12V, 750mA; DC 27V, 330mA
Power Consumption	Standby: 1.7W, Operating: 5.5W
Installation Method	Surface mount with magnet
Colour	Black
Dimensions (H x W x D) (Excluding protruding sections)	Approx. 140mm x 200mm x 15.9mm

Operating Temperature	-25°C to +55°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 and Indonesian
Casing Material	PMMA + ABS
Weight	Without package: 380g With package: 495g

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