

Panasonic®

Product Specification Sheet

IP Video Intercom System – Lobby Station

Model No. **VL-VC3931BX**



1. Basic information

- Dimension: Approx. 378mm x 162mm x 35.5mm
- Color: Black
- External material: AL + ABS + Tempered glass
- Operation: Capacitive Touch Screen
- Installation: Flush mount

2. Features

- 7-inch colour display with capacitive touch screen
- Video intercom: Built-in 2M pixel camera + IR camera (for face ID) with microphone
- E-lock unlocking function:
 - Supports password unlock
 - Supports remote unlock from Mobile Apps or Intercom Devices
 - Supports facial recognition unlock
 - Supports Mifare card unlock
 - Supports QR code unlock
 - Temporary QR and password unlock: Can generate from Mobile App for visitors
- Built-in Mifare card reader: House owner can scan the resident card at Lobby Station to open the door
- Facial recognition with built-in colour camera + IR camera
- Motion Detection: Lobby Station will light up when human is detected
- Call center: Call to the Guard Station
- Leave message: Visitors can leave voice message
- Surveillance: Lobby Station video live-stream viewable on Room Monitors, Guard Stations and Mobile Apps
- Elevator access control: Call elevator & Floor Access Control (with 3rd party elevator controller)
- Device Removal Alarm: When device is removed, alarm will be sounded, and alert will be sent
- Customized Screen: Able to customize screen saver image
- Ringtone Configuration: Can set the ringtones for outgoing calls
- Web configuration: Engineer can set parameters on webpage
- Connectable to external device: Electric Lock, Door State Sensor, Lock or Fire Release Button, IP elevator controller and access controller through Wiegand output.

3. Specifications

System Parameters	
Operation system	Linux
Flash	8GB
RAM	1GB
Display Parameters	
Size	7-inch wide colour display
Operation Method	Capacitive Touch Screen
Resolution	600 x 1024
Video Parameters	
Video Compression	H.264
Video Pixel	VGA, 720P
Camera Pixel	2.0M pixels CMOS sensor 1/2.9-inch 3.5mm EFL
Minimum Illuminance Required	0.01lx (within approx. 50cm from the camera lens)
Camera Quantity	1 Colour Camera + 1 IR Camera
HDR	Supported
Viewing Angle	82.6°(H) / 44.6(V)
Lighting Method	White coloured LED lights
Audio Parameters	
Audio Compression	G.711
Speaker	8Ω / 0.5W
Microphone	-56±2dB
Face Recognition	
Face Capacity	20K
IC Card	
Card Capacity	50K
Frequency	13.56MHz (ISO/IEC 14443 Type A (MIFARE))
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	1
Lock Release	1
Door Status Port	1
Wiegand Output Port	1

General	
Power Source	POE Splitter or Power supply unit (Sold separately)
Operating Voltage	12 to 27VDC
Current Rating	DC 12V, 750mA; DC 27V, 375mA
Power Consumption	Standby: 3.5W, Operating: 7.5W
Installation Method	Flush mount
Colour	Silver
Dimensions (H x W x D) (Excluding protruding sections)	Approx. 378mm x 162mm x 35.5mm
Operating Temperature	-30°C to +60°C
Storage Temperature	-40°C to +70°C
Operating Humidity	Up to 90% (non-condensing)
IP rating (Ingress Protection)	IP65
IK rating (Impact Protection)	IK07
Talking Method	Hands-free
Display Language	English, Chinese, Vietnamese, Indonesian and Thai
Motion Detect	Supported
External Material	AL + ABS + Tempered glass
Weight	Without package: 1750g With package: 3490g

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