2-WIRE VIDEO INTERCOM SYSTEM - 7" TOUCH SCREEN APARTMENT INTERCOM PANEL VX-TP7



Description

The VX-TP7 is a modern 7-inch touchscreen video intercom panel designed for multi-residential buildings. It combines HD video communication, a customizable resident directory, and multiple access methods including MIFARE® cards, PINs, and QR codes. Its non-polarized 2-wire architecture simplifies installation, while SIP and RTSP support provide flexibility for integration with compatible communication and video systems

Features

- High-quality aluminum-alloy housing
- 7-inch IPS touchscreen display with 1024 × 600 resolution
- 2 MP, 1080p camera with a 150° horizontal field of view
- IR LEDs with IR-cut filter for enhanced low-light and night visibility
- Built-in 13.56 MHz MIFARE® card reader
- Multiple access methods, including:
  - MIFARE® credentials
  - PIN/password
  - QR code
- One relay output and one electric-lock connection
- One request-to-exit input
- SD card data backup
- SIP audio and video communication with compatible SIP devices
- RTSP video streaming for compatible video players and recording systems
- Customizable resident directory with resident names and profile images
- IP54-rated environmental protection
- IK07-rated vandal resistance
- Supports both PoE and 2-wire bus power
- Flush-mount and surface-mount installation options

NOT TO BE USED FOR INSTALLATION PURPOSES.
THIS INFORMATION IS FOR MARKETING PURPOSES ONLY AND NOT INTENDED TO DESCRIBE THE PRODUCTS TECHNICALLY.

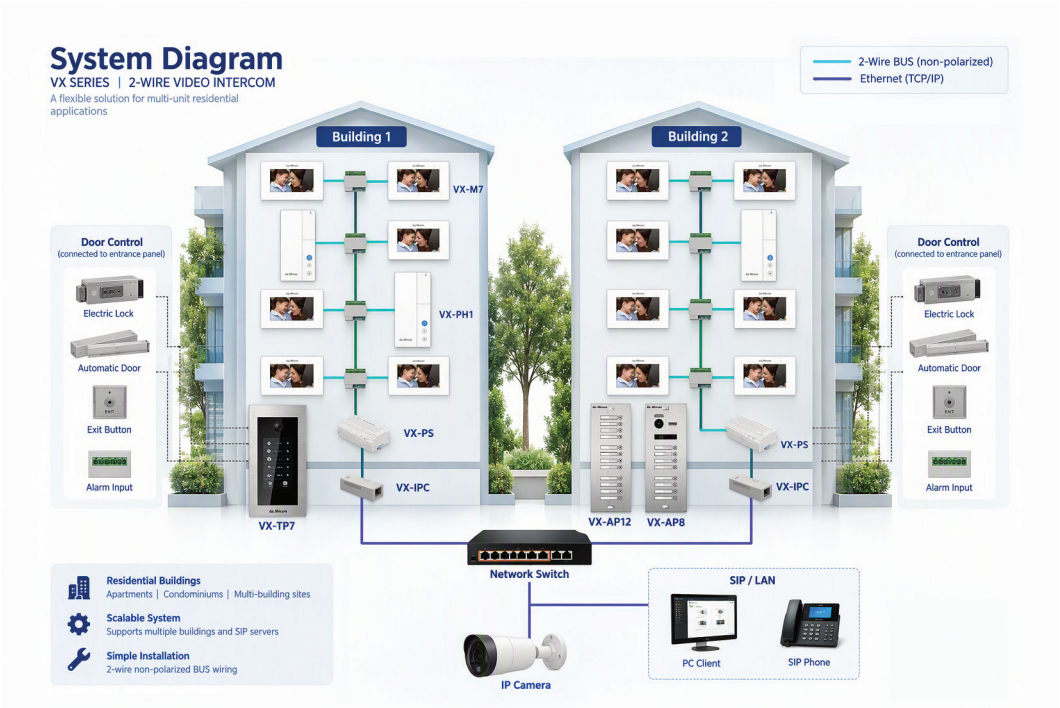
CATALOG NUMBER
6996

Specification

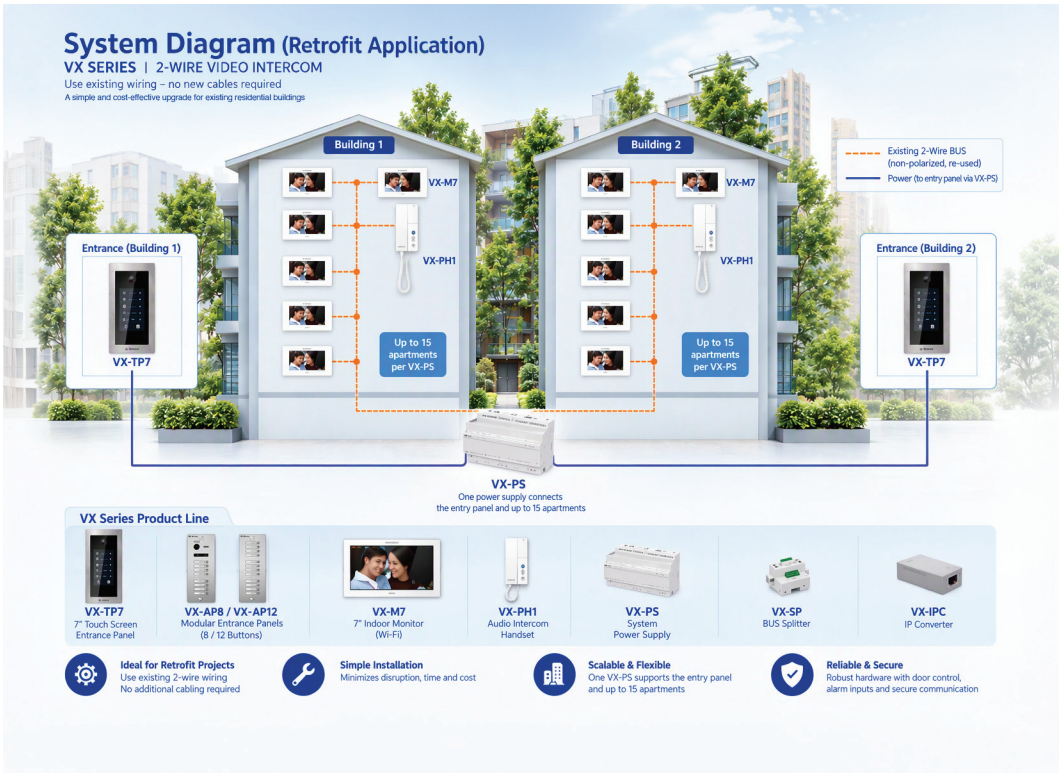
	VX-T7
Operating System	Embedded Linux OS
Network Protocols	TCP/IP, SIP 2.0, RTSP
Video Compression	H.264
Image Sensor	2 MP CMOS
Viewing Angle	150° horizontal
Night Vision	IR LED with IR-cut filter
Audio Compression	G.711A
Audio Input	Built-in omnidirectional microphone
Audio Output	Built-in speaker
Audio Quality	Noise suppression and echo cancellation
BUS Input/Output	1
Relay Lock Output	1 x 30 VDC / 6 A or 250 VAC / 6 A
Electric Lock Output	1x18V DC/350mA
Tamper Alarm	1
Exit Button Input	1
DC Input	12 VDC, 2-pin power input
SD Card Support	Up to 128 GB
Operation Method	Capacitive touchscreen
RFID	13.56 MHz MIFARE; up to 50 cards per residence
Ingress and Impact Protection	IP54 and IK07
Housing Material	Aluminum alloy with glass screen
Color	Silver
Installation	Surface mount or flush mount
Wiring	2-wire, non-polarized
Power Supply	BUS-powered
Maximum Power Consumption	9.9 W
Operating Temperature	-20°C to 55°C (-4°F to 131°F)
Weight	2.320 kg / 5.11 lb
Dimensions (W x H x D)	156 x 318 x 41 mm (6.14 x 12.52 x 1.61 in)

Application

New Construction



Retrofit



System Capacity and Limitations

Category	Specifications
System	**VX-TP7**: Maximum 4 units per system **VX-AP8**: Maximum 4 units per system. Each VX-AP8 can be expanded with up to 2 VX-AP12 units. **VX-M7**: Maximum 128 units per system **VX-PH1**: Maximum 128 units per system **VX-M7 & VX-PH1**: Combined: Maximum 128 units total per system **VX-AP8 & VX-AP12**: Supports up to 32 apartments **VX-TP7**: Supports up to 128 apartments
Power Supply & Splitter	**VX-SP**: One splitter can support up to 4 connected devices. **VX-PS**: One power supply can support up to 4 VX-SP splitters, for a maximum of 16 connected devices.
Wiring Distance	**VX-PS to Entry Panel (VX-AP8/VX-AP12 or VX-TP7)**: Maximum 100 m (328 ft) **VX-PS to Indoor Unit (VX-M7 or VX-PH1)**: Maximum 100 m (328 ft) **VX-PS to VX-SP Splitter**: Maximum 30–50 m (98–164 ft) **VX-SP Splitter to Indoor Unit (VX-M7 or VX-PH1)**: Maximum 10 m (32.8 ft) **VX-SP Splitter to VX-SP Splitter**: Maximum 10 m (32.8 ft)

Ordering Information

Model	Description
VX-M7	7" Touch screen monitor
VX-PH1	Intercom handset
VX-AP8	8-Button apartment intercom panel
VX-AP12	12-Button apartment intercom panel
VX-TP7	7" Touch screen apartment intercom panel
VXPS	System power supply
VX-SP	Splitter
VX-IPC	IP converter

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