2-WIRE VIDEO INTERCOM SYSTEM - INTERCOM HANDSET VX-PH1



Description

The VX-PH1 is a compact 2-wire indoor audio intercom handset designed to provide residents with simple and reliable visitor communication and entrance control. Featuring intuitive push-button operation, built-in microphone and speaker, door-release capability, doorbell support, and clear audio with noise suppression and echo cancellation, it delivers the essential functions needed for everyday apartment communication.

Its non-polarized 2-wire BUS connection simplifies installation and provides both communication and power through the system BUS. Flexible addressing supports up to 999 units addresses and up to 64 blocks, making the VX-PH1 suitable for both small and larger multi-residential installations.

Features

- Simple push-button operation
- Non-polarized 2-wire bus connection
- Dual-color status LED
- White and red LED indications
- Remote main-door unlocking
- Built-in noise suppression
- Echo cancellation for improved audio clarity

Specifications

	Description
Operation Method	Mechanical push-button operation
System Connection	2-wire BUS connection, non-polarized
LED Indicators	Dual-color LED indicators: white and red
Functions	Main entrance door release and doorbell operation
Address Knobs	Sets the indoor monitor address up to 999: units dial (x1), tens dial (x10), and hundreds dial (x100)
DIP Switch	Configures the monitor block and extension numbers: switches 1-6 support up to 64 blocks; switches 7-8 set the extension number
Audio Input	Built-in omnidirectional microphone
Audio Output	Built-in speaker
Audio Quality	Noise suppression and echo cancellation
Power Supply	32 VDC, supplied via BUS
Installation	Wall mount
Operating Temperature	-10°C to +55°C (+14°F to +131°F)
Relative Humidity	10% to 90% RH, non-condensing
Weight	0.16 kg (0.35 lb)
Dimensions (W x H x D)	90 x 200 x 30 mm 3.54 x 7.87 x 1.18 in)

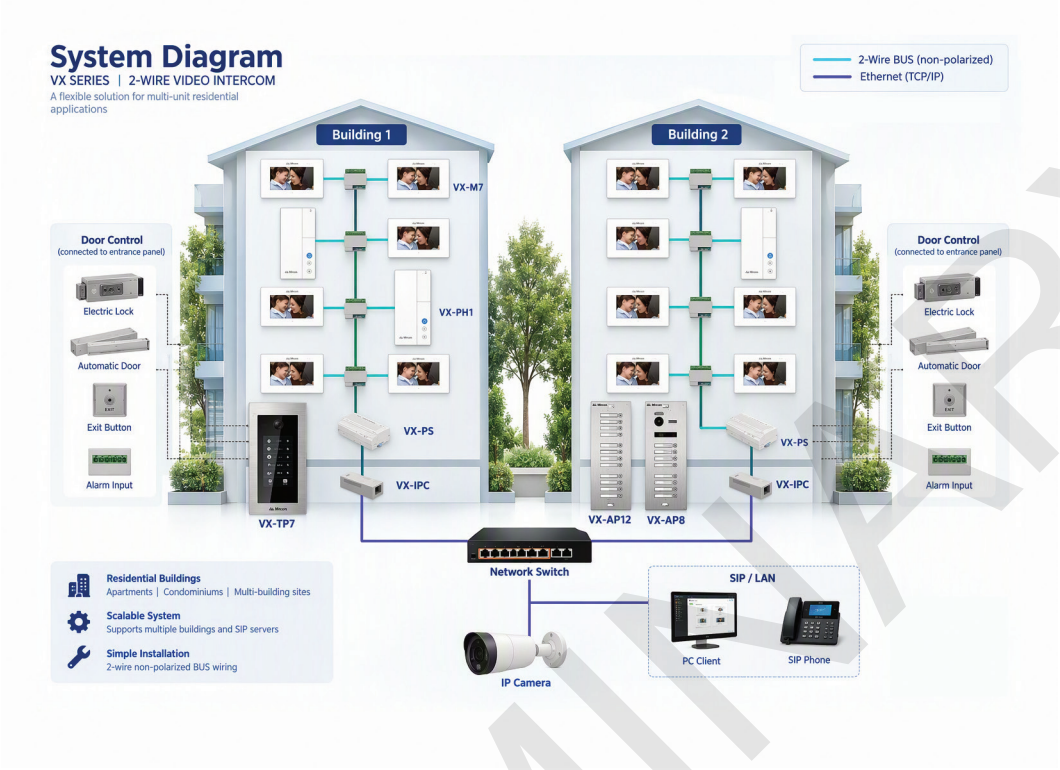
PRELIMINARY

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

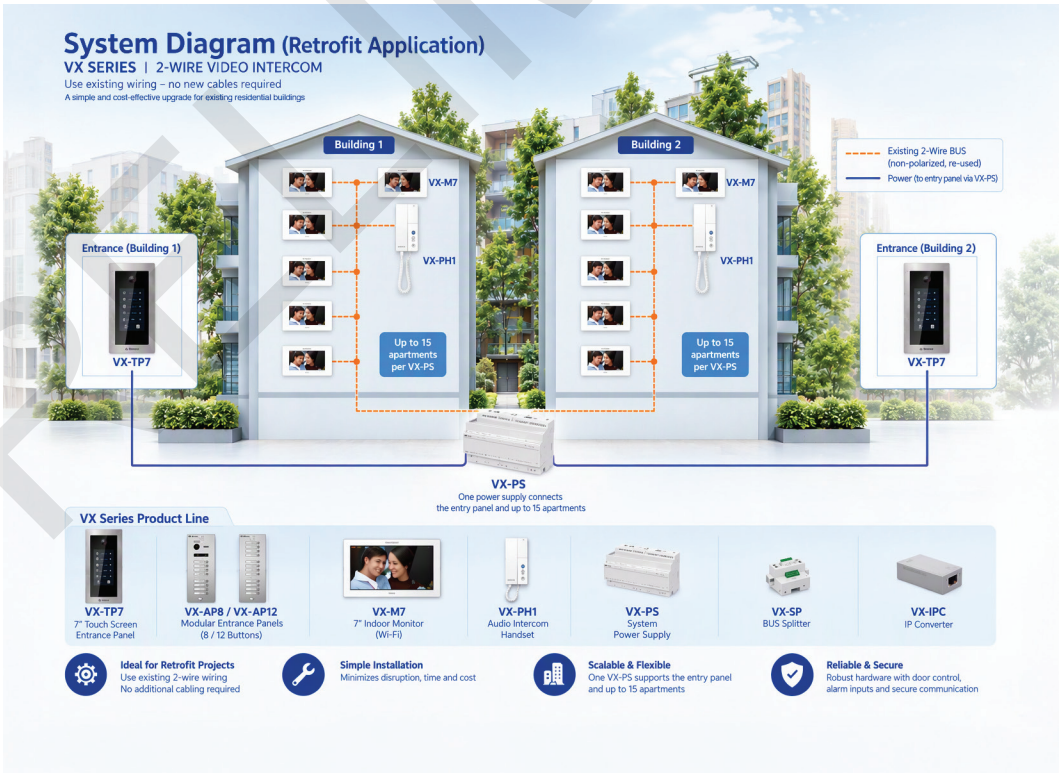
CATALOG NUMBER
6994

Application

New Construction



Retrofit



PRELIMINARY

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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