2-WIRE VIDEO INTERCOM SYSTEM - POWER SUPPLY VX-PS



Features

- Supports connection of up to 4 entry panels
- Universal full-range AC input
- Integrated protection against:
  - Short circuit
  - Overload
  - Overvoltage
- DIN-rail mounting for convenient installation
- 32 VDC / 3.5 A output
- Designed to power compatible VX-series 2-wire system components

Description

The VX-PS is a compact, DIN-rail-mounted system power supply designed for the VX 2-wire video intercom platform. It distributes DC power through the non-polarized 2-wire bus to connected indoor monitors, outdoor entrance panels, and system accessories, helping simplify both system wiring and installation.

Designed for reliable operation in multi-residential intercom installations, the VX-PS supports up to four outdoor unit connections and features universal AC input with built-in short-circuit, overload, and overvoltage protection.

Specification

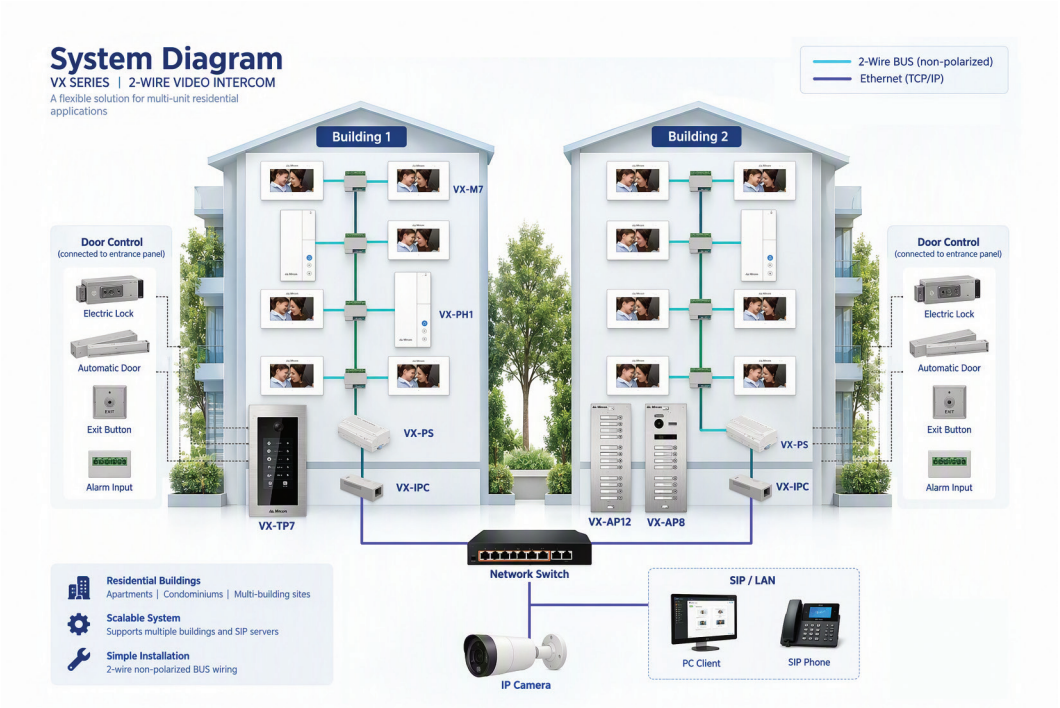
	VX-PS
AC Input	1
BUS Input/Output Connectors	2 (input/output)
Power Indicator	Power on/off status indicator
Power Input	100-240 VAC, 0.8 A
Power Output	30 ± 2 VDC, 3.5 A
BUS Wiring	2-wire, non-polarized
DIN-Rail Width	8 DIN modules
Installation	DIN-rail mount
Enclosure Material	Plastic
Color	White
Operating Temperature	-10°C to 40°C (14°F to 104°F)
Weight	0.517 kg / 1.14 lb
Dimensions (W x H x D)	140 x 97.5 x 58.5 mm (5.51 x 3.84 x 2.30 in)

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

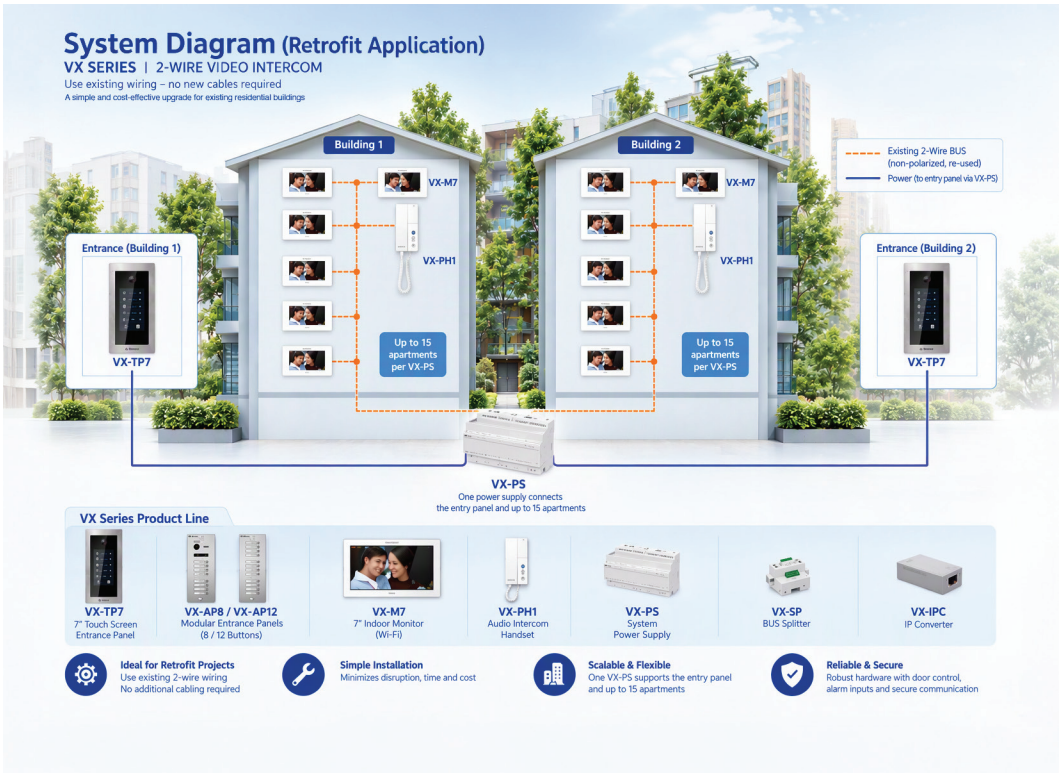
CATALOG NUMBER
6997

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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