VDM-4051-P

AV over IP Controller

Remote Control, Efficient Management of Your AVoIP System



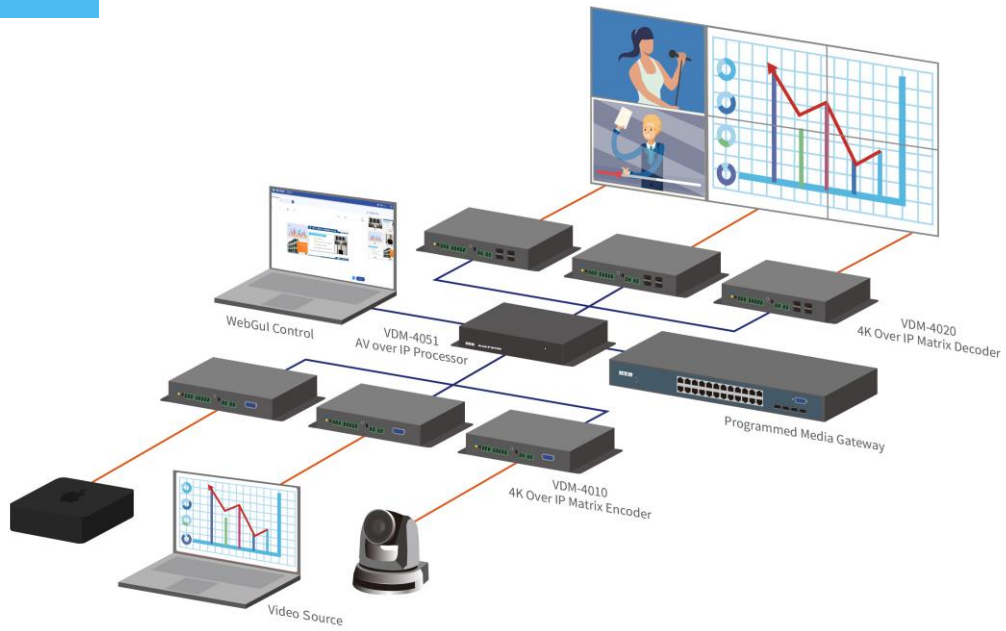
Product Features (1/2)

- **POE Power Design**: Connects to a POE network switch, providing power for the SC-100-P.
- **Cross-Platform Web UI Control**: Supports iOS, Android, and Windows systems, enabling remote control via mobile devices without additional software installation. The intuitive drag-and-drop interface makes it easy to use, even for those without a programming background.
- **Quick Video Wall Setup**: Supports up to a 6x6 video wall configuration. Easily drag and drop to switch video sources and scenes, adaptable for various applications.

Product Features (1/2)

- **Real-Time Screen Preview**: View all input sources from VDM-4010 (transmitter) and VDM-4020 (receiver), and preview the output display for convenient real-time adjustments.
- **One-Click Projection**: Instantly project your computer/laptop input to the video wall.
- **Matrix Grid Switching**: Enables fast screen switching with a matrix grid.
- **Partial Screen Zoom**: Zoom into specific areas for detailed focus, ensuring small images can be enlarged without distortion, and non-standard aspect ratios can be adjusted to fit the video wall without squeezing or warping.
- **Unlimited Transmitter and Receiver Expansion**: Highly flexible deployment, allowing synchronized video transmission to multiple locations with ease.
- **Auto-Detection and Scanning of All Connected Devices**: Automatically detects and identifies all connected transmitters and receivers, enabling device name editing, status checks, and MAC/IP settings.
- **Scheduled Scene Management**: Pre-schedule "scene switching" and "display on/off" times. The system will execute the predefined actions automatically (e.g., after power on, a specific video wall scene will be applied), simplifying daily operations.
- **Support for Web API and RS-232 Communication**: Integrates seamlessly with environmental control systems.
- **Dual Network Ports**: Boosts network speeds up to 1000Mbps, greatly improving video transmission speed and stability.
- **Backup Configuration Settings**: Backup settings can be easily imported to another VDM-4051-P, saving time on reconfiguration.

Distributed AV Architecture



Hardware Specifications

SYSTEM Port (POE Supported)	RJ45 TCP/IP x 1
External LAN Port	RJ45 TCP/IP x 1
Audio Signal (Reserved)	European 3P Terminal Block x 1
RS-485 Control (Reserved)	European 3P Terminal Block x 1
RS-232 Control	European 3P Terminal Block x 1
N.O. Trigger Interface (Reserved)	European 2P Terminal Block x 2
Status Indicators	LED Lights x 2

Hardware Specifications

Unit Size (H*W*D)	26*215*105 mm (with mounting brackets) 26*237*105 mm (without mounting brackets)
Weight	0.53 kg (power supply not included)
External Power Supply	DC 5V-2A MAX
Voltage/Frequency	110/220V
Total Power Consumption	10W
Transformer Weight	0.1KG

Front and Rear Panel Connections



1. **Status Indicator Light**: Solid red when powered on, flashes green during normal operation.
2. **System Network Port**: Connects to the VDM private network for device communication, supports POE network switch for power supply.
3. **LAN Port**: Connects to the local network for Web UI operation and system settings.
4. **Trigger Input Port**: Short-circuit during power-up to reset to factory settings.
5. **Power Status Light**: Solid red when the external power supply is functioning correctly.
6. **Power Connection Port**: Connects to the included AC100-230V to DC-5V power transformer, providing power for the VDM-4051-P.

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