Pathway® | **PATHWAY PRO**
Connectivity Solutions

VIA RACK-MOUNT INSTALLATION
ENTERTAINMENT ETHERNET SWITCH

Models shown: PWVIA RM P24 RJ4510GSFPP POE

WARRANTY

3-year limited warranty. This is the only warranty provided and no other statements in this specification sheet create any warranty of any kind. All other express and implied warranties are disclaimed. Complete warranty terms located at: https://www.acuitybrands.com/support/warranty

NOTE

Actual performance may differ as a result of end-user environment and application.
Specifications subject to change without notice.

PATHWAY PRO

Pathway Pro marked products are geared for advanced entertainment lighting system applications and are available only to authorized buyers.

SixEye CONNECTED

VIA switches support **SixEye** cloud-based remote management

OVERVIEW

The VIA™ series of Ethernet Switches are designed specifically for lighting, sound and video signal distribution in all entertainment production systems, including live shows. The VIA24 is our highest density switch designed for permanent installation where rack space is at a premium. Its silent operation with the included 170W PoE power supply and 10G SFP+ connections greatly enhances the capabilities and capacity of your entertainment network.

Unlike switches designed and marketed for office and communication applications, VIA switches ship unmanaged, pre-configured and optimized for entertainment network use.

Advanced management features, including VLAN Support, EAPS Ring Protection, IGMP, and more are enabled and configured through the free configuration tool, Pathscape. Many of the features may be configured without needing Pathscape using the front panel display and rotary encoder. Port LEDs provide instant confirmation of port PoE and Link activity.

FEATURES

- 24 RJ45 ports on the front of the unit
- Ports support 10/100/1000Base-T speeds. When fan mode is set to OFF, the first 20 ports are limited to 10/100Base-T
- Four SFP/SFP+ ports on the front of unit for fiber transceivers; 1G or 10G transceivers available as accessories.
- Supports SFP/SFP+ Direct-Attach Copper(DAC) cable, both active and passive
- Integrated 170W Power-over-Ethernet (PoE) supply for powering compatible external devices, up to 15W per port
- Illuminated LCD and rotary encoder for displaying and setting switch and port properties
- Advanced features include IGMP Querier and Snooping, DHCP server per VLAN, Dante-compliant QoS options, EAPS Ring Protection, RSTP
- Art-Net to sACN conversion
- LED Indicators for Port PoE and connected device Link Status

- Global properties editable from front panel interface: IP Address, Subnet Mask, Default Gateway, VLAN Configuration, Link Speed, PoE Allocation, DHCP Pool, Ring Protection. IGMP Filtering, QoS Options, Fan mode (off, on, auto)
- Properties displayed by front panel interface: Switch Name, Port Name, PoE Usage, Serial Number, MAC Address, Firmware Version, Connected Devices (LLDP), Ring Status, Link Status, Port Status, Bandwidth Usage, Switch Chip Temperature, fan state
- Silent operation mode: convection-cooled design
- 1 RU (Rack Unit) high housing fits standard 19" equipment racks
- Operates on 100-240VAC 50/60Hz wide-ranging power input
- Standard IEC Power input
- Reversible Rack ears included

ORDERING INFORMATION

PWVIA					**EXAMPLE: PWVIA RM P24 RJ45 SFPSLOT POE**	
Series		**Form Factor**	**Port Quantity**	**Port Type**	**Additional Ports**	**PoE Enabled**
PWVIA	Pathway VIA Ethernet Switch	RM Rack-mount	P24 24 Ethernet Ports	RJ45 RJ45	SFPSLOT 4 SFP/SFP+ Slots, Empty	POE PoE Enabled
					1GSFP[1] SFP 850nm 1G Ethernet Optical Transceivers	
					10GSFPP[1] SFP+ 850nm 10G Ethernet Optical Transceivers	

Notes

1. If selecting either 1GSFP or 10GSFPP, note this option will ship with 4x SFP/SFP+ transceivers, one per port.

SPECIFICATIONS

Electrical	**Input Ratings**	**PWVIA RM P24 RJ45 SFPSLOT POE** 100-240VAC 50/60Hz power input 195W maximum power consumption (25W for switch, 170W distributed to connected PoE devices)
	Output Ratings	**PWVIA RM SFPSLOT POE** Class 3 PoE available on Ports 1-24 (maximum 15.4W per port) to a maximum of 170W
	Regulatory Compliance	CUL CE

Mechanical	**Dimensions**	17" W x 1.7" H x 10" D (432mm W x 43mm H x 178mm D) [without attached rack-mounting hardware]	
	Weight	**PWVIA RM P24 RJ45 SFPSLOT POE**	6.9 lbs (3.2 kg)

Environmental	**Operating Temperature**	32°F to 113°F (0°C to 45°C)
	Relative Humidity	0-90%, non-condensing
	Standard Compliance	RoHS 2011/65/EU + A1 2015/863

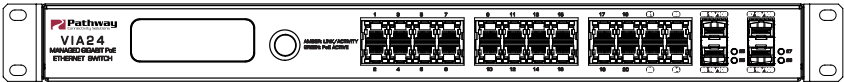|		
General	**Compliance**	ANSI E1.31 sACN - Streaming ACN IEEE 802.3 Ethernet IEEE 802.3af Power-over-Ethernet IEEE 802.1AB Link Layer Discovery Protocol IEEE 802.1Q VLAN support IEEE 802.1w Rapid Spanning Tree Protocol (RSTP) IETF EAPS - Ethernet Automatic Protection Switching IETF IGMPv2 - Internet Group Management Protocol Dante QoS - Quality of Service California Title 1.81.26, Security of Connected Devices FAR-889 Section 889(a)(1)(A) and Section(a)(1)(B)

ADDITIONAL ORDERING INFORMATION

Accessories	
PWACC SFP	Pathway Accessory, SFP 850nm 1G Ethernet Optical Transceiver (VIA8, VIA12, VIA16, VIA24)
PWACC SFPP	Pathway Accessory, SFP+ 850nm 10G Ethernet Optical Transceiver (VIA8, VIA12, VIA24)

FRONT PANEL

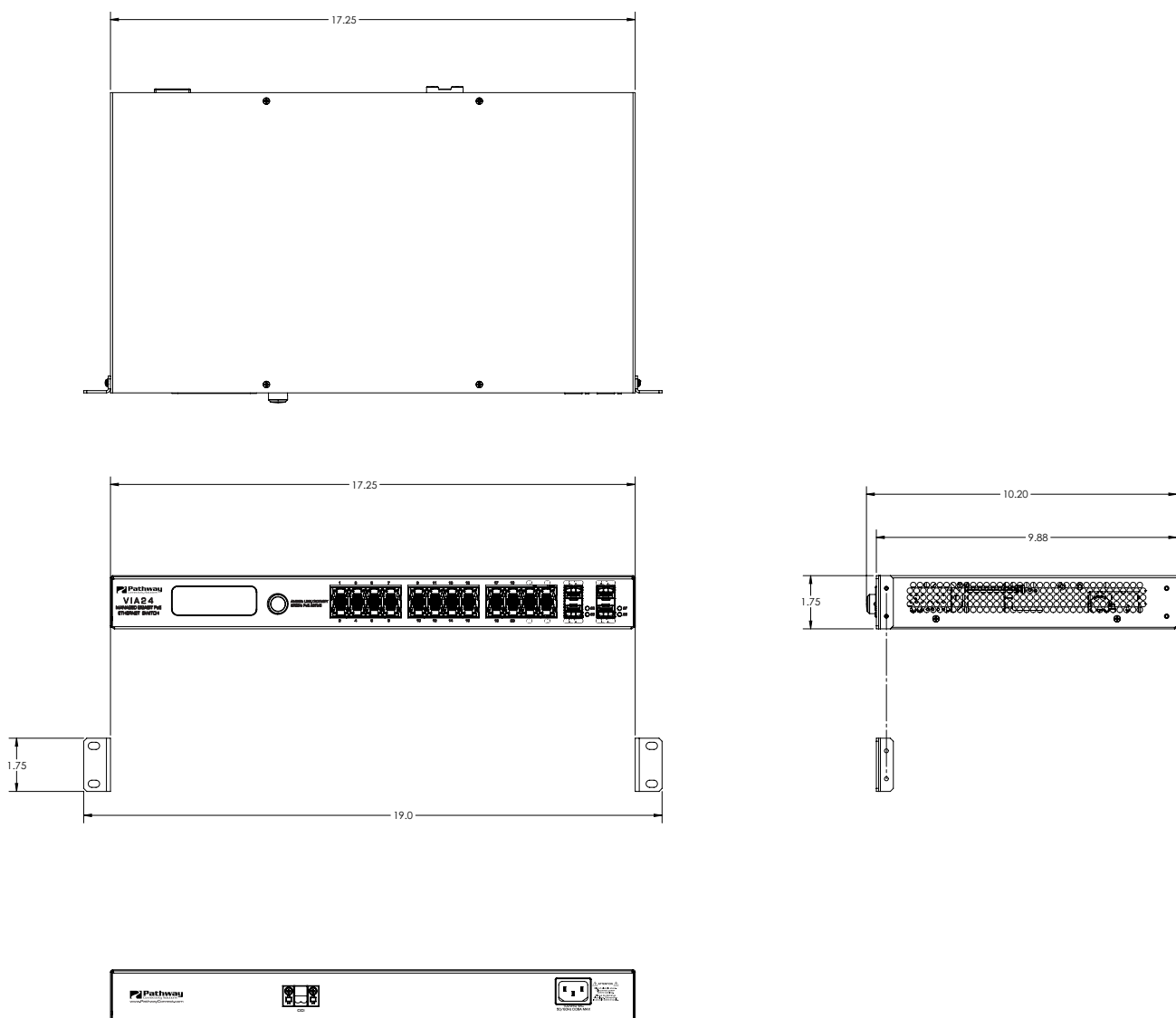PWVIA RM P24 RJ45   SFPSLOT   POE

REAR PANEL

PWVIA RM P24 RJ45   SFPSLOT   POE

DIMENSIONS

APPLICATION RISER