

VIA RACK-MOUNT TOURING ENTERTAINMENT ETHERNET SWITCH



Models shown: PWVIA RM P12 RJ45EC DUO POE

WARRANTY

3-year limited warranty. 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 marked products are geared for advanced entertainment lighting system applications and are available only to authorized buyers.



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.

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, Pathscope. Port LEDs provide instant confirmation of port PoE and Link activity.

The VIA Rack-mount Ethernet switches feature robust housings that will stand up to the abuse of touring shows and theatre backstages.

FEATURES

- 12 locking RJ45 etherCON ports (10 on front panel, 2 on rear)
- Ports support 10/100/1000Base-T speeds
- Two locking opticalCON DUO or QUAD ports on rear
- Integrated 100W 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 Device Status/Processor, Global PoE Status, 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
- 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, Ring Status, Bandwidth Usage, Switch Chip Temperature
- Near-silent operation: thermal-controlled fans automatically turn on when required (e.g. outdoor summer festivals)
- 1 RU (Rack Unit) high housing fits standard 19" equipment racks
- Operates on 100-240VAC 50/60Hz wide-ranging power input
- powerCON AC In and Thru connectors
- Also available in Rack-mount Installation (PWVIA RM) or DIN-mount (PWVIA DIN) form factors

ORDERING INFORMATION

PWVIA		EXAMPLE: PWVIA RM P12 RJ45EC QUAD POE							
Series	Form Factor	Port Quantity	Port Type	Additional Ports		PoE Enabled			
PWVIA Pathway VIA Ethernet Switch	RM Rack-mount	P12 12 Ethernet Ports	RJ45EC RJ45 etherCON Connector	DUO 2 opticalCON DUO Fiber Connectors	QUAD 2 opticalCON QUAD Fiber Connectors	POE PoE Enabled			

SPECIFICATIONS

Electrical

Input Ratings 100-240VAC 50/60Hz power input
 125W maximum power consumption (25W for switch, 100W distributed to connected PoE devices) plus 10A maximum if using powerCON AC Thru

Do not connect more than 6 PWVIA RM P12 RJ45EC [DUO/QUAD] POE switches together using the THRU connector and one AC input. Do not exceed 10A draw through the first switch.

Output Ratings Class 3 PoE available on Ports 1-12 (maximum 15.4W per port)

Regulatory Compliance ETL
 CE

Mechanical

Dimensions 19" W x 1.7" H x 12" D (483mm W x 43mm H x 305mm D)

Weight 5.3 lbs (2.4 kg)

Environmental

Operating Temperature 14°F to 122°F (-10°C to 50°C)

Relative Humidity 5-95%, non-condensing

Standard Compliance RoHS 2011/65/EU + A1 2015/863

General

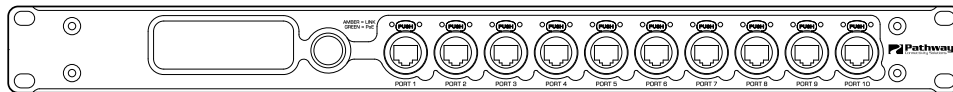
Compliance ANSI E1.31 sACN - Streaming ACN
 IEEE 802.3 Ethernet
 IEEE 802.3af Power-over-Ethernet
 IEEE 802.1AB Link Layer Discovery Protocol
 IEEE 802.1Q VLAN support
 IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)
 IETF EAPS - Ethernet Automatic Protection Switching
 IETF IGMPv2 - Internet Group Management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

PART NUMBER CROSS-REFERENCE

PREVIOUS	NEW	
Part Number	Catalog Number	Description
6752-P	PWVIA RM P12 RJ45EC DUO POE	VIA, Rack-mount, 12-Ports, RJ45 etherCON, opticalCON DUO, PoE Enabled
6754-P	PWVIA RM P12 RJ45EC QUAD POE	VIA, Rack-mount, 12-Ports, RJ45 etherCON, opticalCON QUAD, PoE Enabled

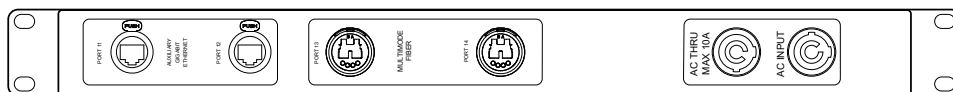
FRONT PANEL

PWVIA RM P12 RJ45EC DUO QUAD POE

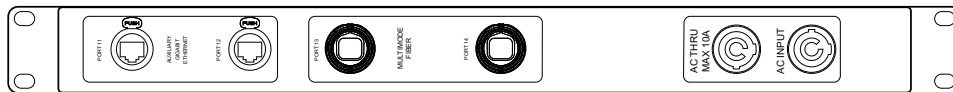


REAR PANEL

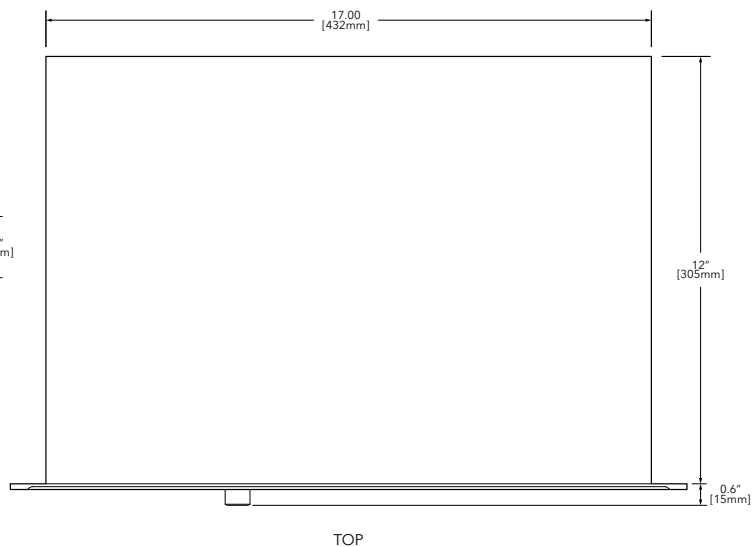
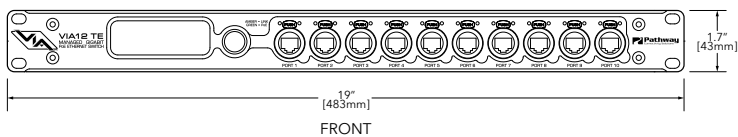
PWVIA RM P12 RJ45EC DUO POE



PWVIA RM P12 RJ45EC QUAD POE



DIMENSIONS



APPLICATION RISER

