CATALOG NUMBER **PWVIA RM P12 RJ45EC POE**

DATE

PROJECT

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, Pathscape. 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**
PWVIA		**RM**		**P12**		**RJ45EC**		**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

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Phone: + 1 866 617 3074 www.pathwayconnect.com

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

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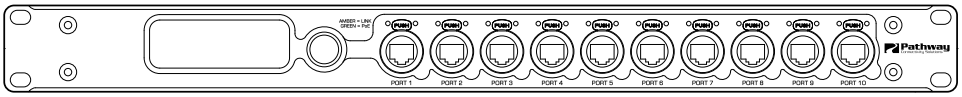
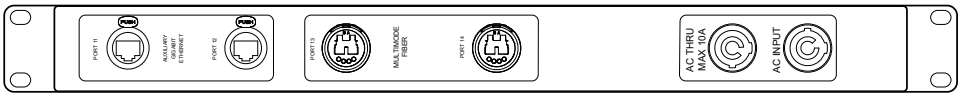
FRONT PANEL

PWVIA RM P12 RJ45EC **DUO QUAD** **POE**

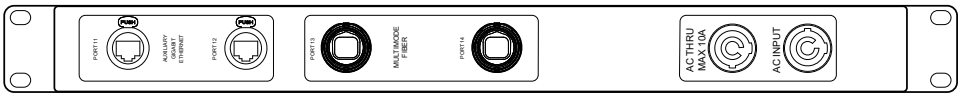


REAR PANEL

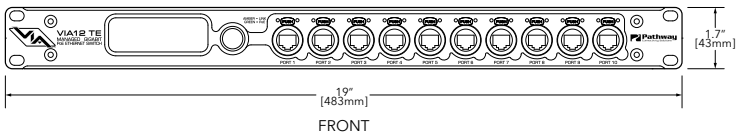
PWVIA RM P12 RJ45EC **DUO** **POE**



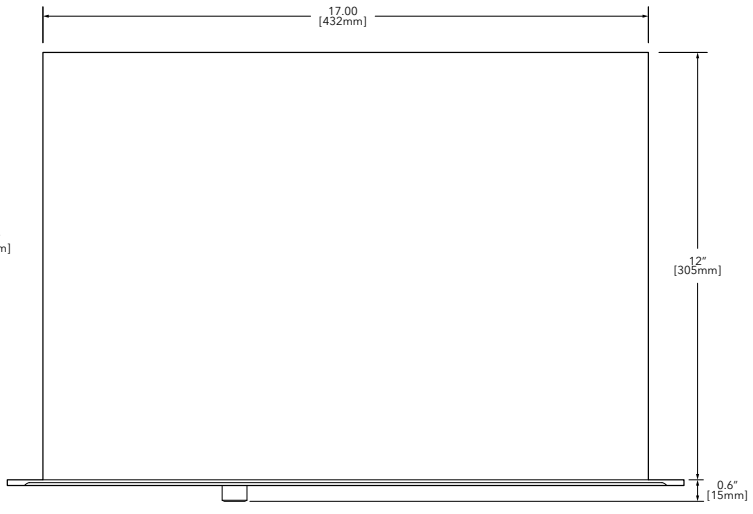
PWVIA RM P12 RJ45EC **QUAD** **POE**



DIMENSIONS



FRONT



TOP

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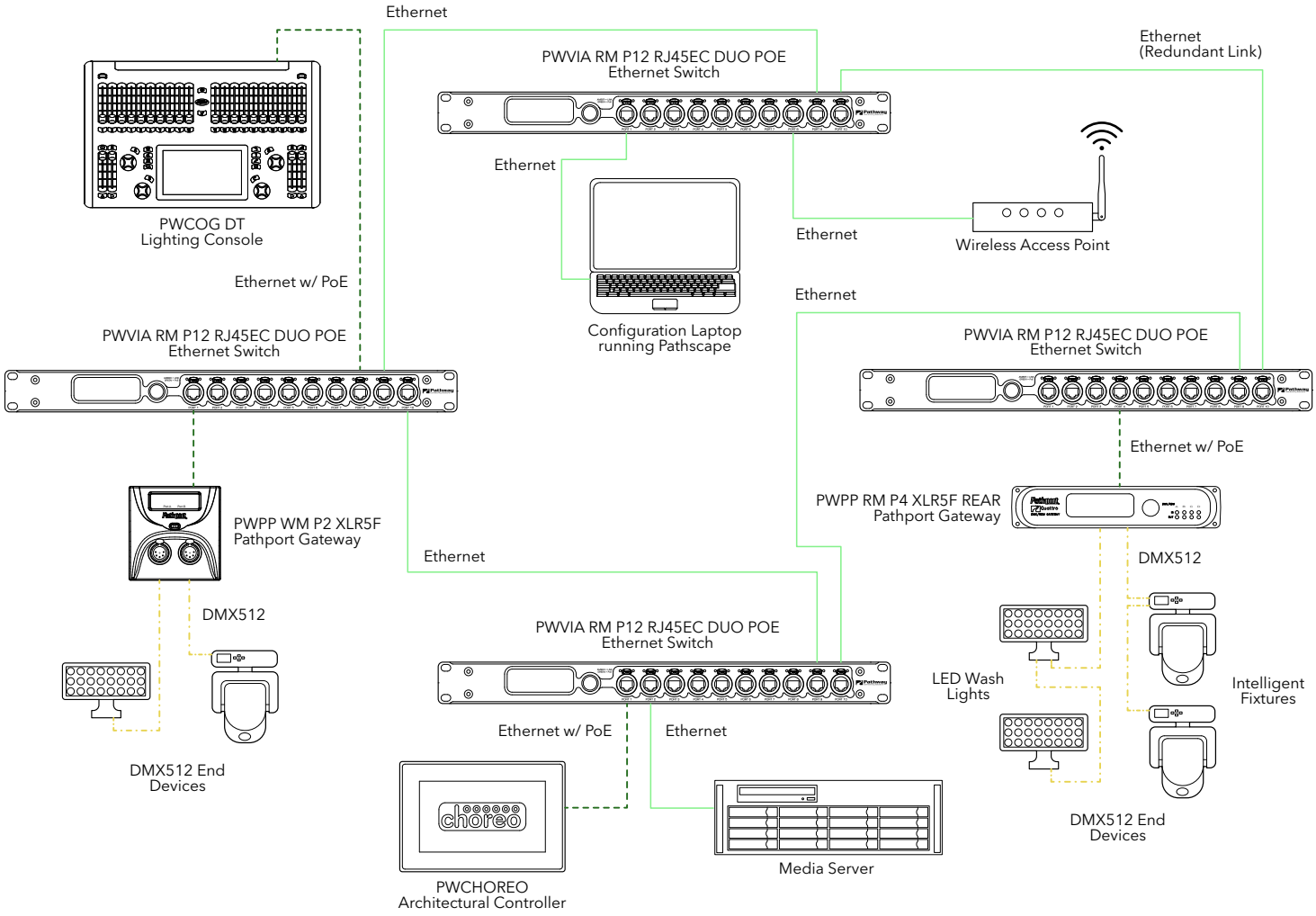
APPLICATION RISER



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