Pathway®
Connectivity Solutions

VIA12 GIGABIT ETHERNET SWITCH

#6740

PRODUCT OVERVIEW

The VIA12 is a Gigabit Ethernet Switch with twelve copper port (plus two mini-GBIC) designed specifically for lighting, sound and video signal routing in all entertainment production systems, including live shows. Unlike switches designed and marketed for office and communication applications, VIA12 is convection-cooled and ships as an unmanaged switch, pre-configured and optimized for entertainment network use. Layer 2 and 3 management features are enabled and configured through the front panel interface and the free, downloadable Pathscape software tools.

FEATURES

- Trap Art-Net and convert to sACN!
- Features include IGMP querier and snooping, DHCP server per VLAN, bandwidth monitor, Dante-compliant QoS option, EAPS, ring protection, Rapid Spanning Tree (RSTP)
- Silent operation - fanless, convection cooled design
- Illuminated LCD display and rotary encoder for displaying and setting switch and port properties
- Global properties editable from front panel interface: IP Address, Subnet Mask, Default Gateway, VLAN configuration, Link speed, PoE allocation, DHCP pool, Ring protection
- Properties displayed by front panel interface: Switch Name, Port Name, PoE usage, Serial Number, MAC address, firmware version, connected devices (LLDP compliant), link status, VLAN name
- Up to 15W of Power-over-Ethernet (PoE) may be allotted to each copper port
- By adding an auxiliary power supply, up to 180W of overall PoE (15W/port)
- Twleve locking Ethercon RJ45 ports (ten on front panel, two on rear) support 10/100/1000Base-T speeds
- Two mini-GBIC port on rear panel, for SFP fiber modules (1000Base-LX or 1000Base-SX)

- Wide range input power supply
- Includes rack ears. Wall and truss mounts are available as accessories

SPECIFICATIONS

- 85-250VAC 50/60 Hz wide-ranging power input
- Locking Powercon® power cord connector
- Operating Conditions: -10 to +50°C, 5-95% relative humidity, non-condensing
- 2.15A power consumption
- Locking Speakon® 48V connector for auxiliary PoE supply

STANDARDS COMPLIANCE

- IEEE 802.1AB Link Layer Discovery Protocol
- IEEE 802.3af -Power over Ethernet (with external supply)
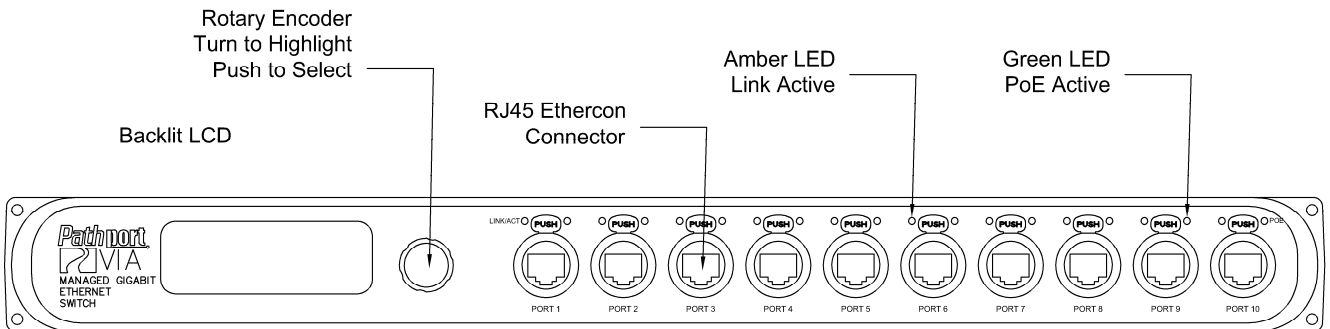- ETL
- CE
- RoHS 2002/95/EC

WEIGHTS AND DIMENSIONS

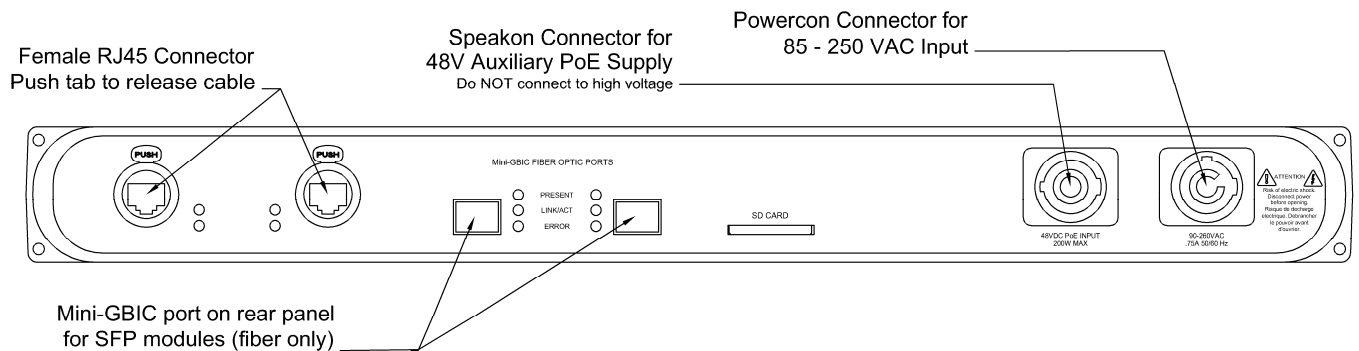- 5.2 lbs (2.4 kg)
- 17"W x 7"L x 1.7"H (432mm x 180mm x 40mm)

INCLUDED FURNISHINGS

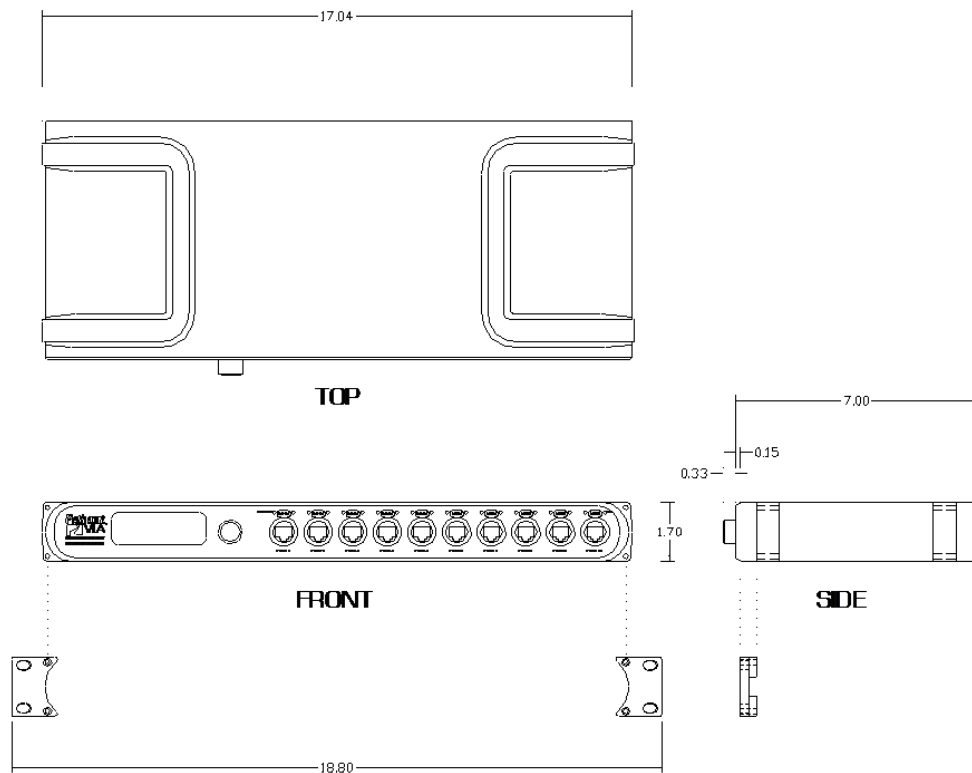- Rackmount Ears
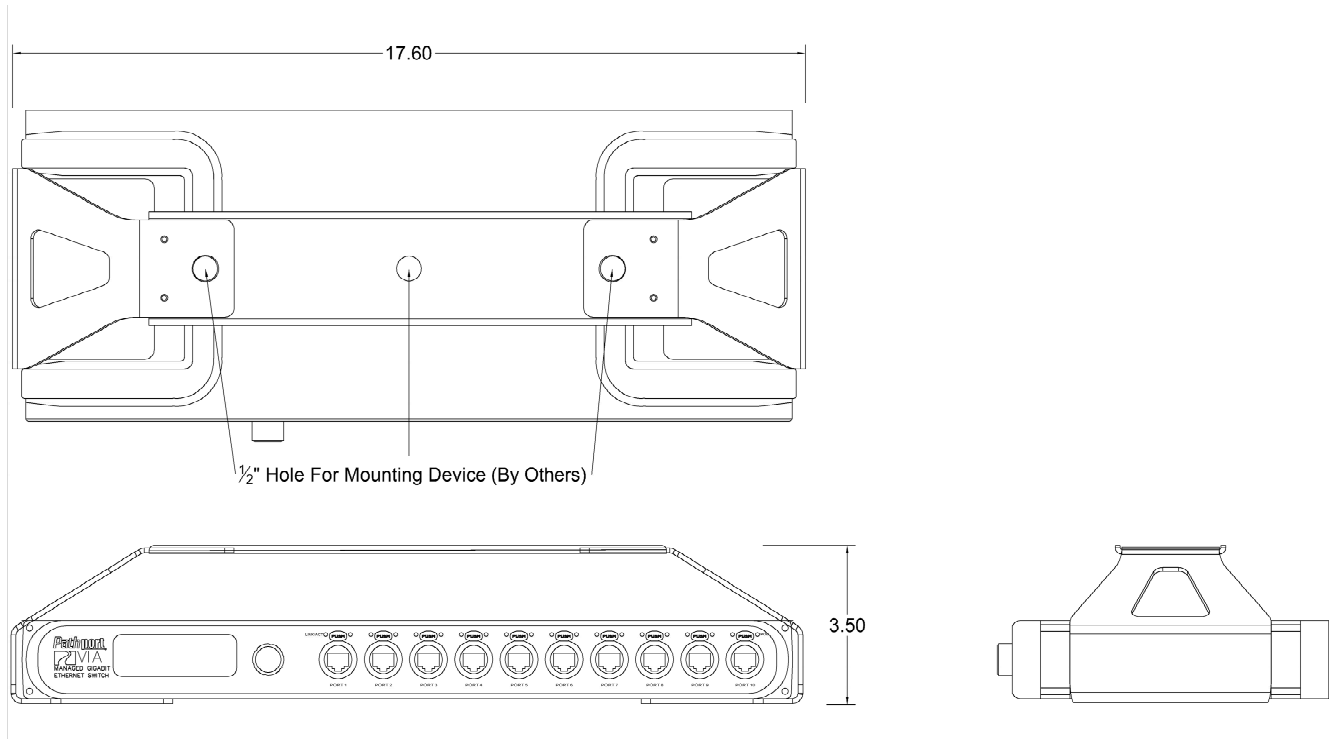- Installation/Operations manual

FRONT PANEL

Rotary Encoder
Turn to Highlight
Push to Select

Backlit LCD

RJ45 Ethercon
Connector

Amber LED
Link Active

Green LED
PoE Active

REAR PANEL

Female RJ45 Connector
Push tab to release cable

Speakon Connector for
48V Auxiliary PoE Supply
Do NOT connect to high voltage

Powercon Connector for
85 - 250 VAC Input

Mini-GBIC port on rear panel
for SFP modules (fiber only)

DIMENSIONS

TOP

FRONT

SIDE

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TRUSS MOUNT ACCESSORY - P/N 9003

½" Hole For Mounting Device (By Others)

WALL MOUNT ACCESSORY- P/N 9002
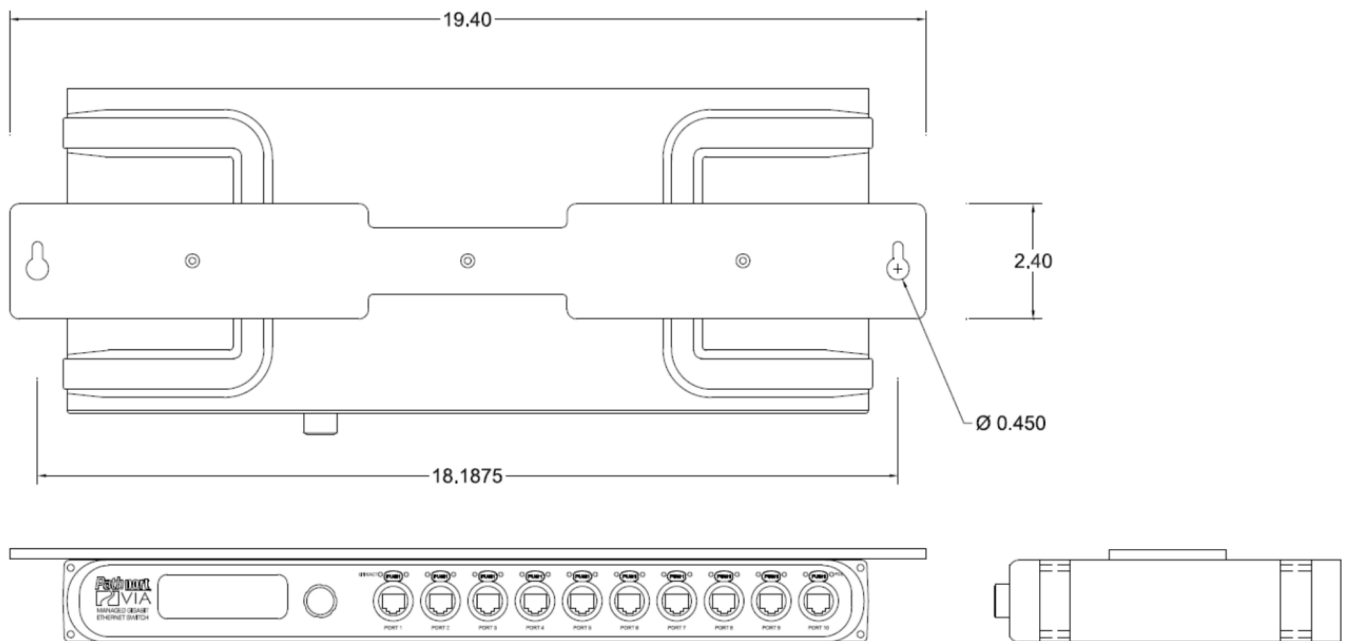
APPLICATION RISER
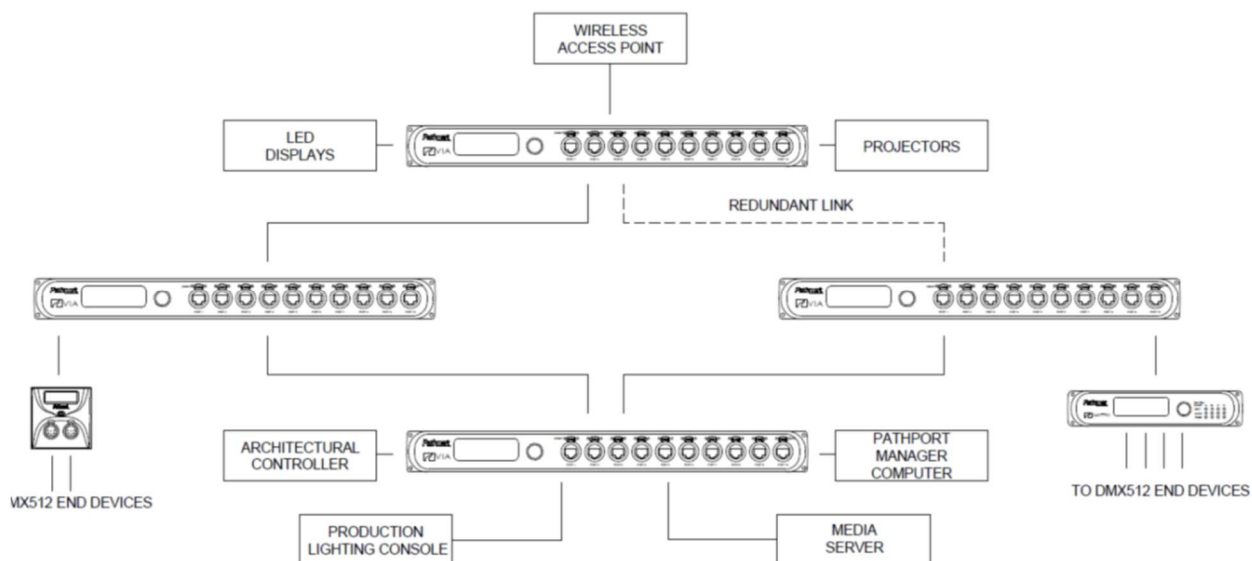
Cat5/6 RJ45 Pin Out
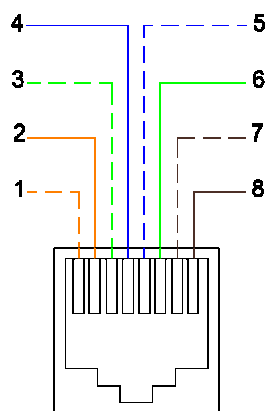
PIN	COLOR
1	WHT/ORG
2	ORANGE
3	WHT/GRN
4	BLUE
5	WHT/BLU
6	GREEN
7	WHT/BRN
8	BROWN
COMPLIES WITH TIA-EIA 568B	

ORDERING INFORMATION

PART #	DESCRIPTION
6740	Pathway VIA12 Gigabit Ethernet Switch
ACCESSORIES	
9002	Wall Mount Kit
9003	Truss Mount Kit
700-7948-100	Auxiliary External Power-over-Ethernet Power Supply, 100W

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