

VIA12 GIGABIT ETHERNET SWITCH

#6740



PRODUCT OVERVIEW

The VIA12 is a Gigabit Ethernet Switch with twelve copper ports (plus two mini-GBIC fiber ports) 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 systems, 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 tools.

FEATURES

- Trap Art-Net and convert it 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 and speed, bandwidth monitor
- 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)
- Twelve locking Ethercon RJ45 ports (ten on front panel, two on rear) support 10/100/1000Base-T speeds
- Two mini-GBIC ports on rear panel, for SFP fiber modules (1000Base-LX or 1000Base-SX)
- Link Layer Discovery Protocol (LLDP)

- Wide range input power supply with rugged locking powerCON® connector
- Includes rack ears; wall and truss mounts available as accessories
- Hardware supports PoE (with external power supply)

SPECIFICATIONS

- 85-250VAC 50/60 Hz wide-ranging power input
- Locking powerCON® power cord connector
- Locking speakON® connector for 48VDC external PoE supply
- 2.15A max power consumption
- Operating Conditions: 14°F-122°F (-10°C to 50°C); 10-90% relative humidity, non-condensing

STANDARDS COMPLIANCE

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

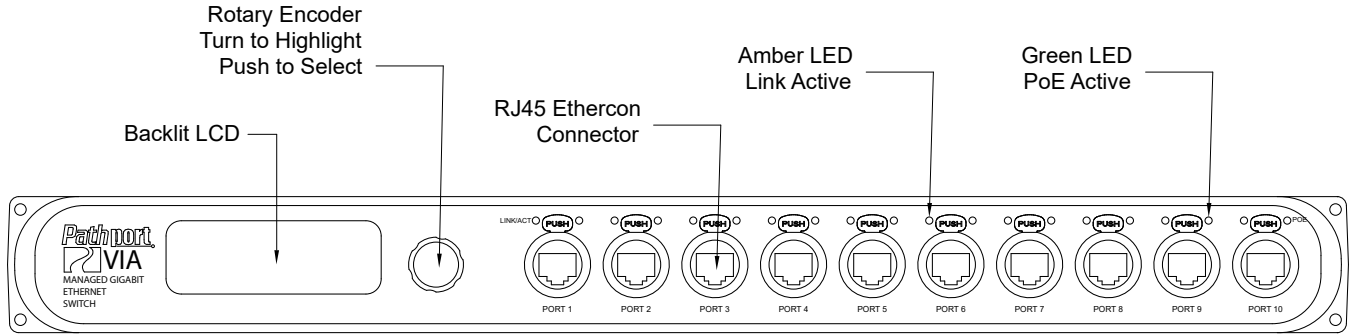
WEIGHTS AND DIMENSIONS

- 5.3 lbs (2.4 kg)
- 17"W x 1.7"H x 7"D (432mm x 43mm x 178mm)

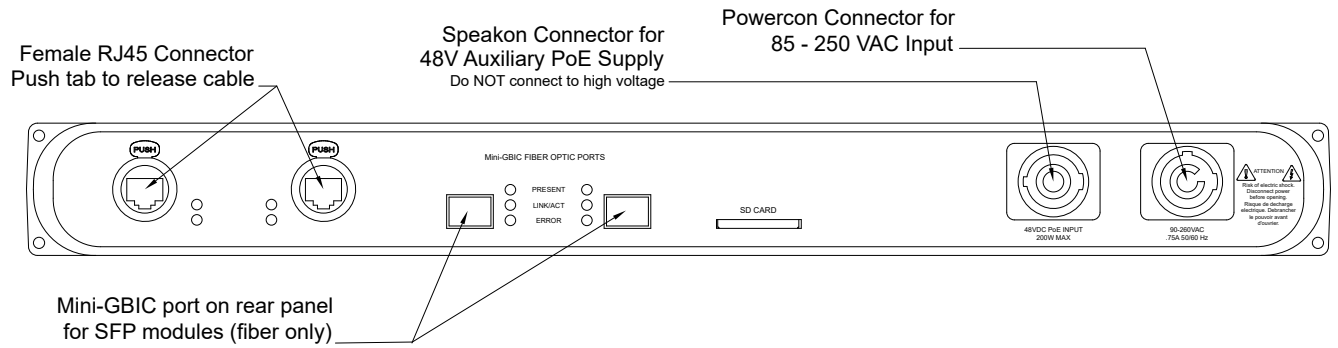
INCLUDED FURNISHINGS

- Rackmount ears
- Installation/Operations manual

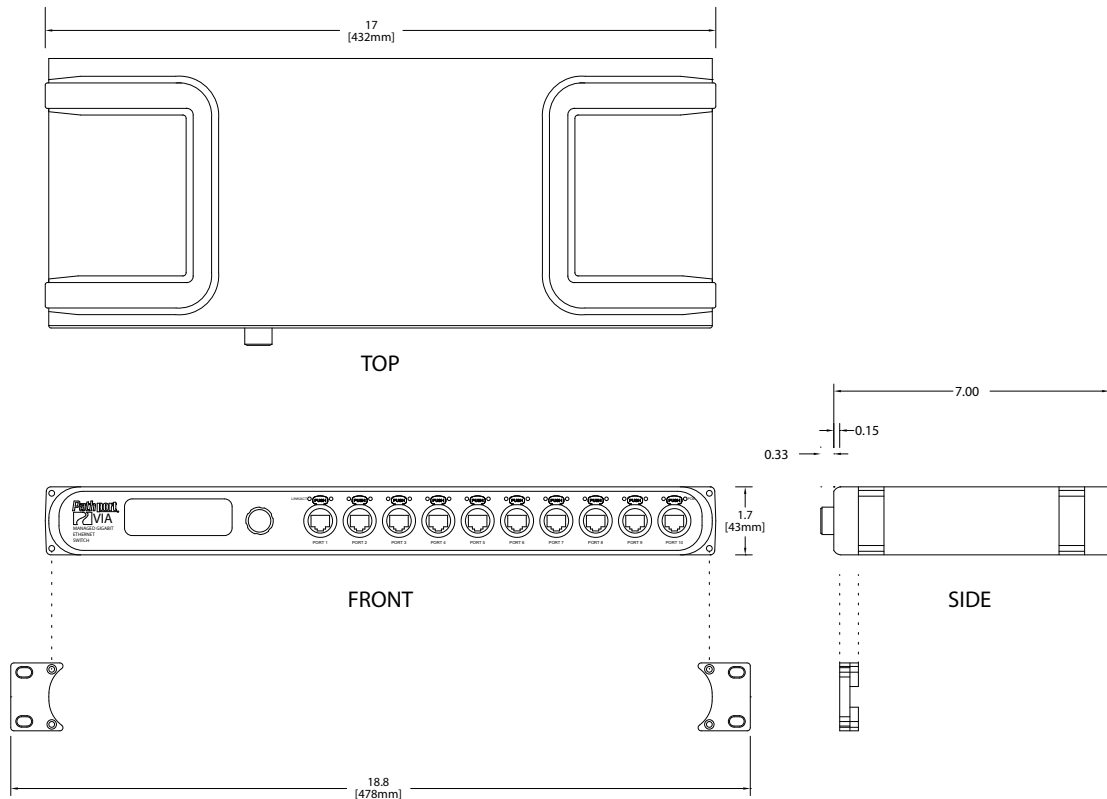
FRONT PANEL



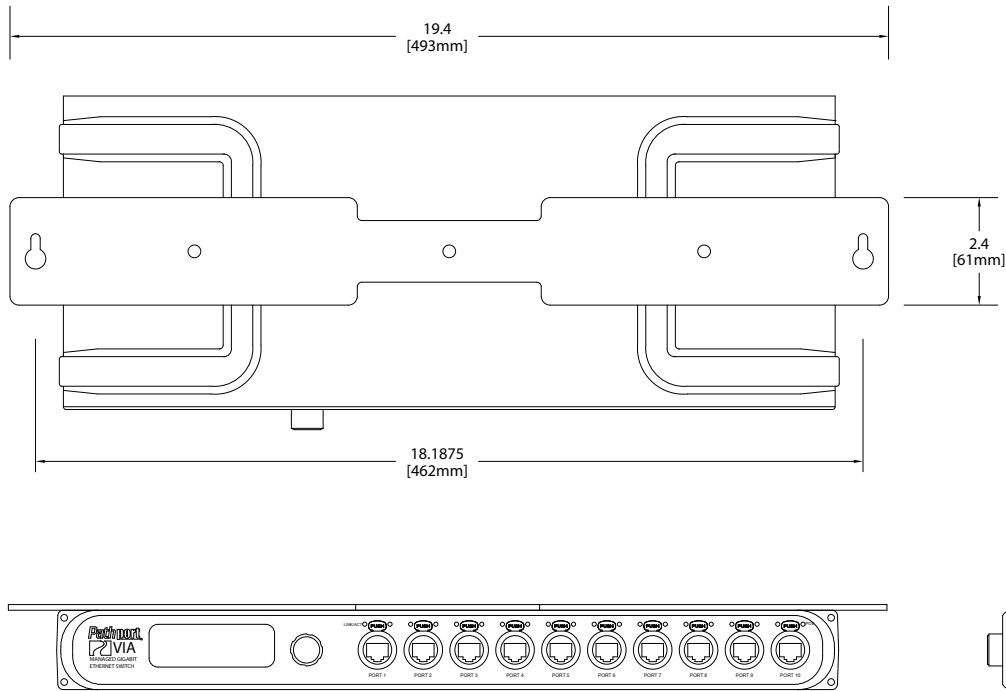
REAR PANEL



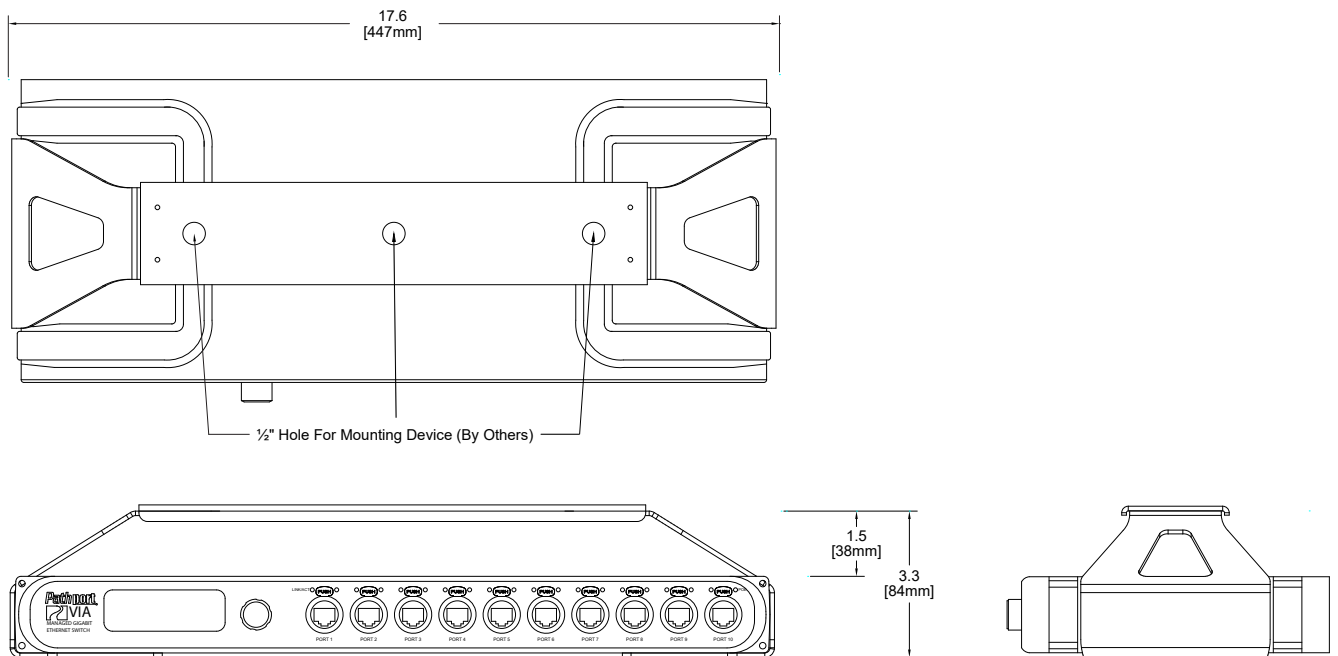
DIMENSIONS



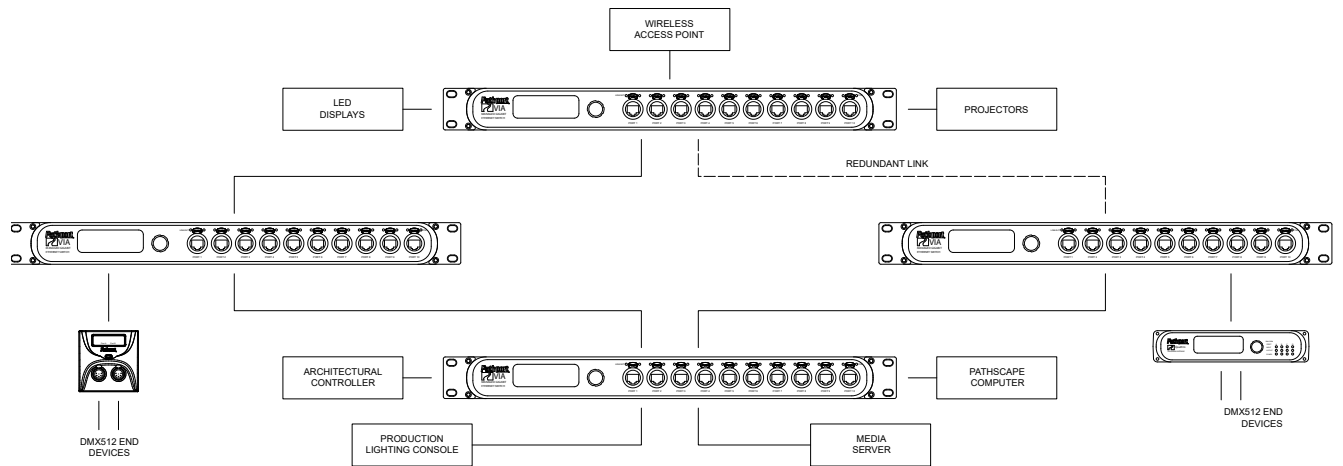
WALL MOUNT ACCESSORY - #9002



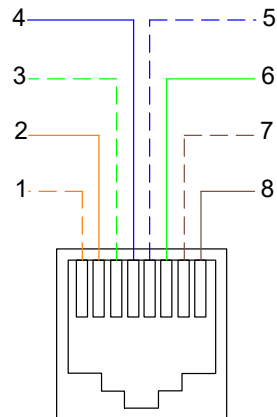
TRUSS MOUNT ACCESSORY - #9003



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	VIA12 Gigabit Ethernet Switch, 12 Port
ACCESSORIES	
9002	Wall mount kit (Repeater, Repeater Pro, Octo, VIA)
9003	Truss mount kit (Repeater, Repeater Pro, Octo, VIA)
1001-100-48-EXT-S	100W, 48VDC speakON External PoE Power Supply (VIA12)