

VIA12 GIGABIT ETHERNET SWITCH

#6750/6750-P



PRODUCT OVERVIEW

The VIA12 is a Gigabit Ethernet Switch with twelve copper ports (plus two SFP+ ports for fiber converters) 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
- Model 6750-P features an integrated 100W PoE supply for powering compatible external devices
- Up to 15W of Power-over-Ethernet (PoE) may be allotted to each copper port (6750-P Model)
- 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 or SFP+ fiber modules (1000Base-LX, 1000Base-SX, 10GBase-SR or 10GBase-SW)
- Link Layer Discovery Protocol (LLDP)
- Includes rack ears; wall and truss mounts available as accessories

SPECIFICATIONS

- 100-240 VAC 50/60 Hz wide-ranging power input
- 0.3A maximum power consumption (6750 model)
- 1.3A maximum power consumption (6750-P model)
- Operating Conditions: 14°F-104°F (-10°C to 40°C); 5-95% relative humidity, non-condensing

STANDARDS COMPLIANCE

- IEEE 802.1AB Link Layer Discovery Protocol
- IEEE 802.3AF Power over Ethernet (6750-P model only)
- California Title 1.81.26, Security of Connected Devices

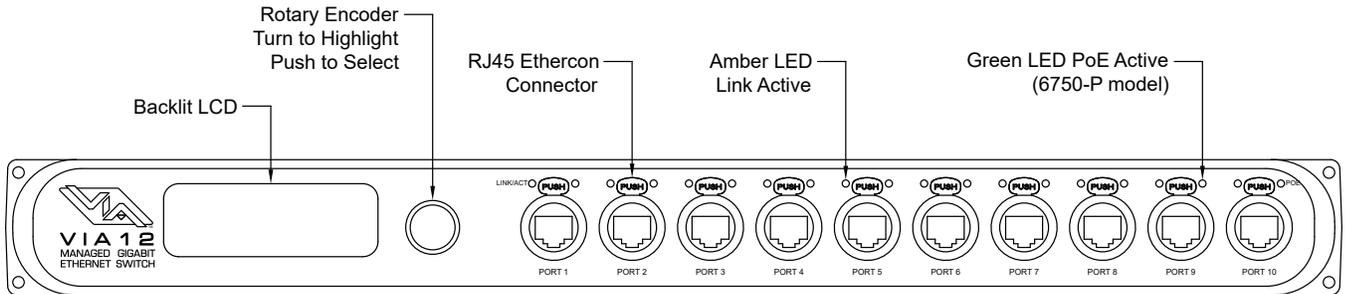
WEIGHTS AND DIMENSIONS

- 5.2 lbs (2.4 kg) [6750-P model]
- 4.7 lbs (2.1 kg) [6750 model]
- 17"W x 1.7"H x 7"D (432mm x 43mm x 178mm)

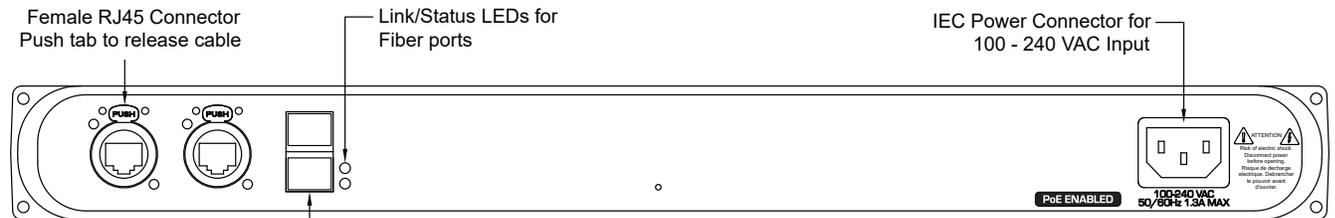
INCLUDED FURNISHINGS

- Rackmount ears
- Power cable
- Operations manual

FRONT PANEL

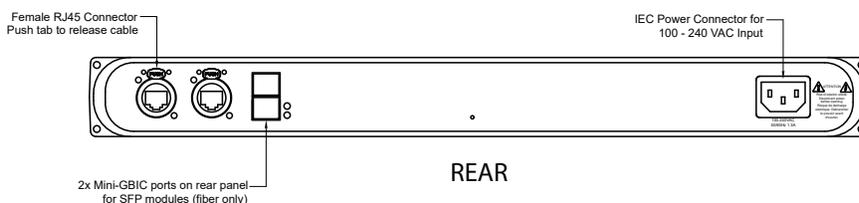
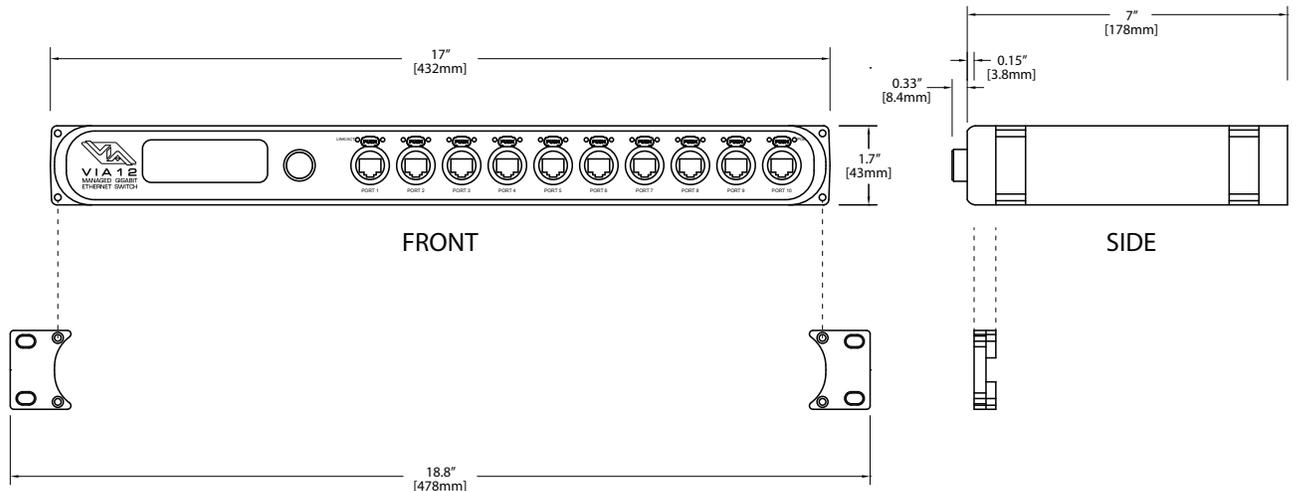


REAR PANEL



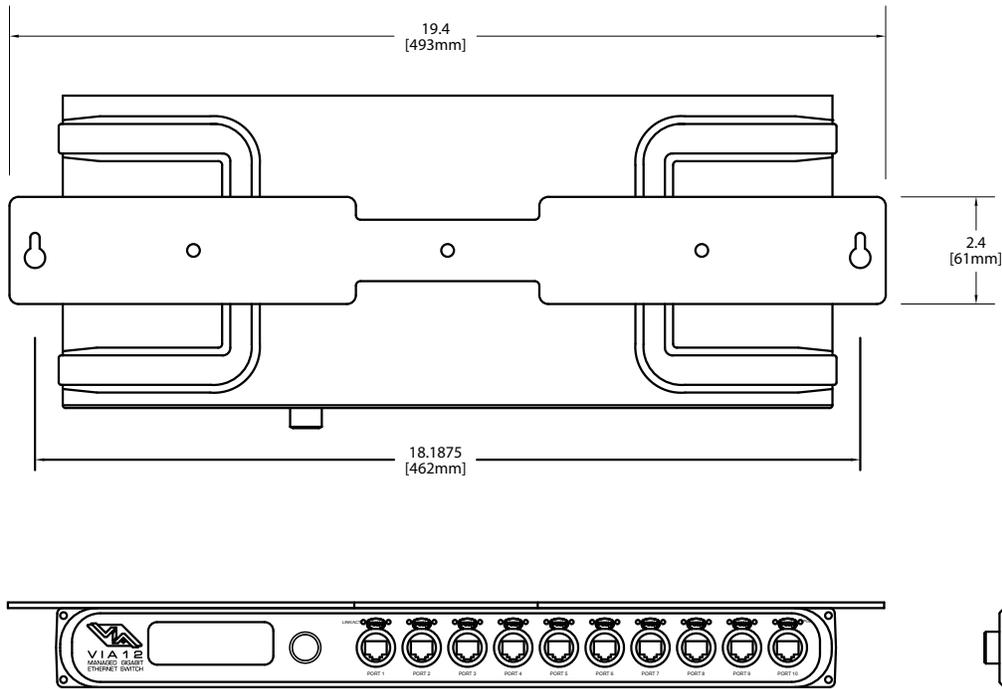
2x Mini-GBIC ports on rear panel
for SFP modules (fiber only)

DIMENSIONS

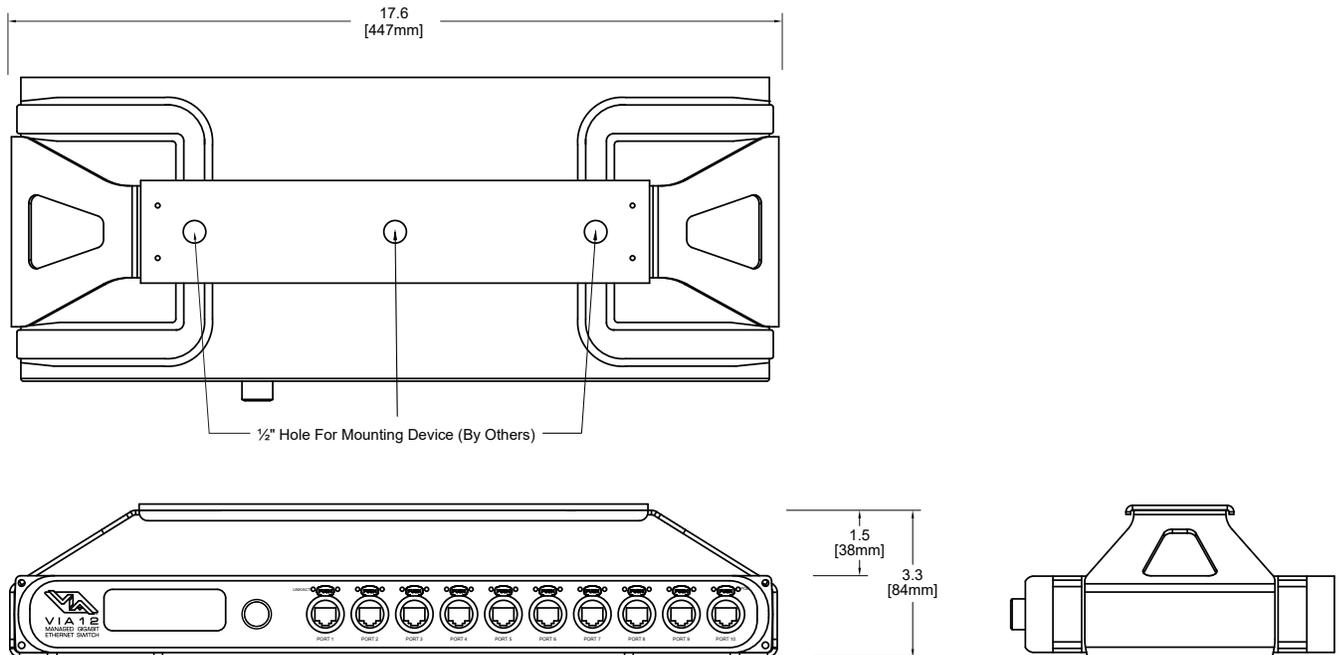


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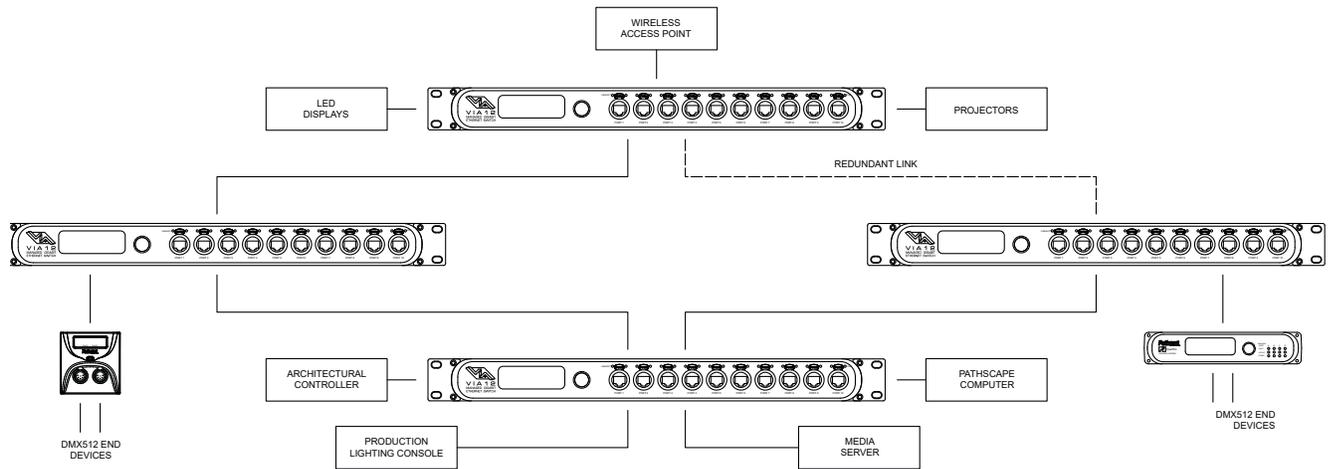
WALL MOUNT ACCESSORY - #9002



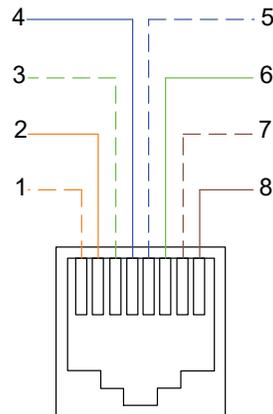
TRUSS MOUNT ACCESSORY - #9003



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
6750	VIA12 Gigabit Ethernet Switch, 12 Port
6750-P	VIA12 Gigabit Ethernet Switch, 12 Port, 100W PoE on-board
ACCESSORIES	
9002	Wall mount kit (Repeater, Repeater Pro, Octo, VIA)
9003	Truss mount kit (Repeater, Repeater Pro, Octo, VIA)
6798	SFP+ 850nm 10GB Ethernet Optical Transceiver (VIA8, VIA12)
6799	SFP 850nm 1GB Ethernet Optical Transceiver (VIA8, VIA12, VIA16)