

## VIA12 GIGABIT ETHERNET SWITCH, 12 PORT

# #6750/6750-P



## PRODUCT OVERVIEW

The VIA12 is a Gigabit Ethernet Switch with twelve copper ports (plus two SFP+ 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
- 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-LR)
- Supports SFP+ 10Gbit Direct- Attach cables, both active and passive
- 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-122°F (-10°C to 50°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

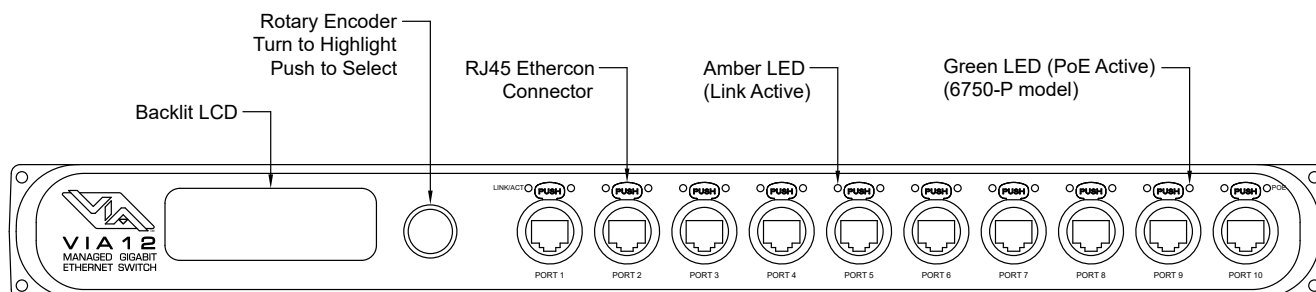
### WEIGHTS AND DIMENSIONS

- 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)

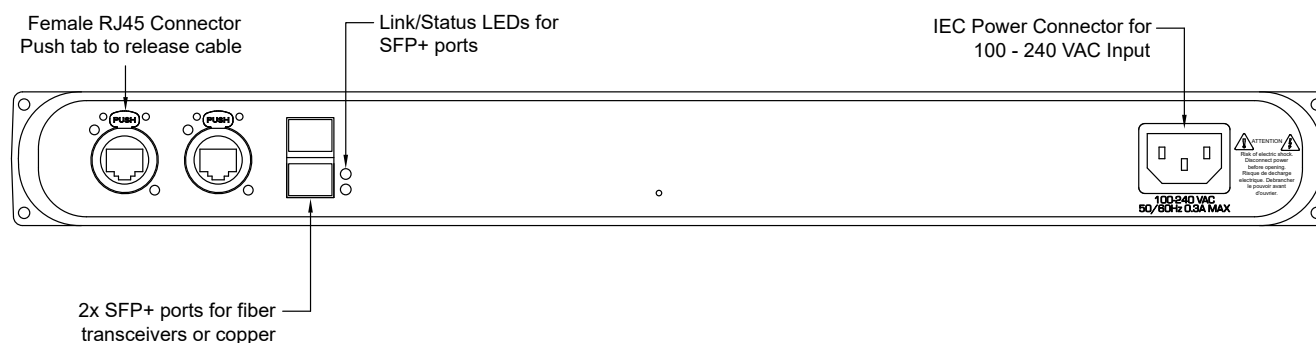
### INCLUDED FURNISHINGS

- Rackmount ears
- Power cable
- Operations manual

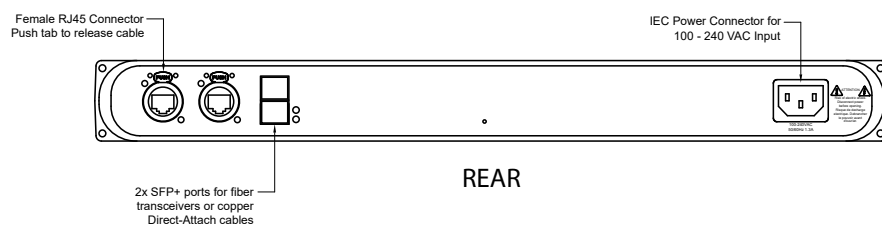
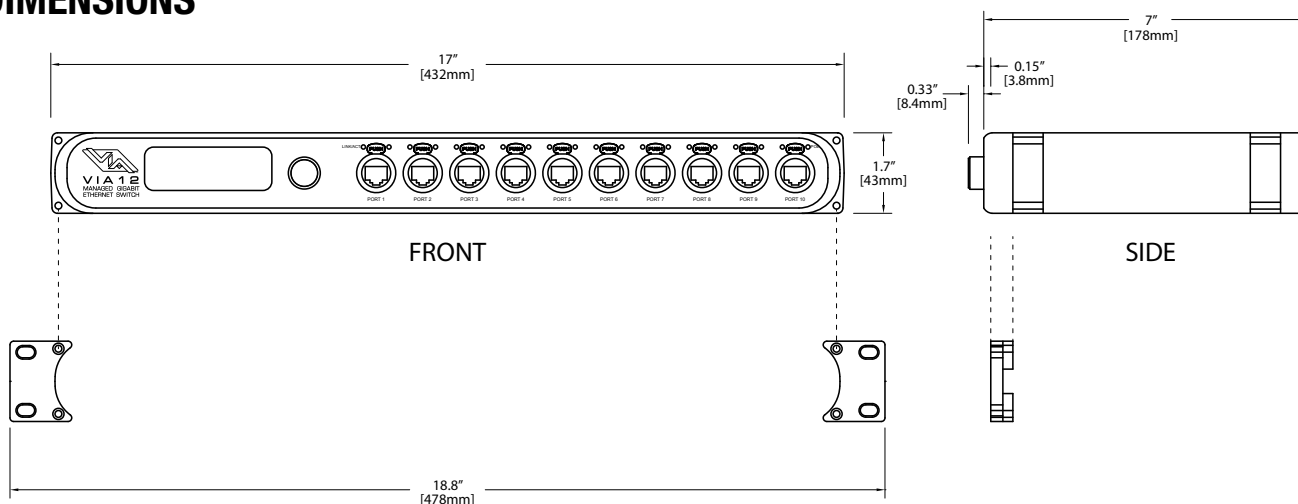
## FRONT PANEL



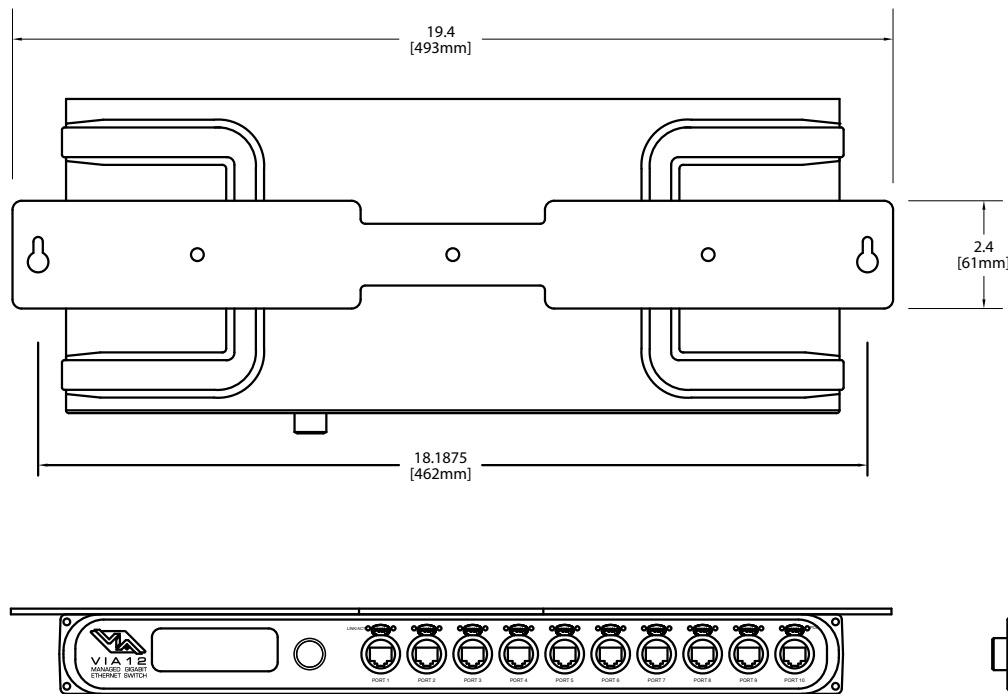
## REAR PANEL



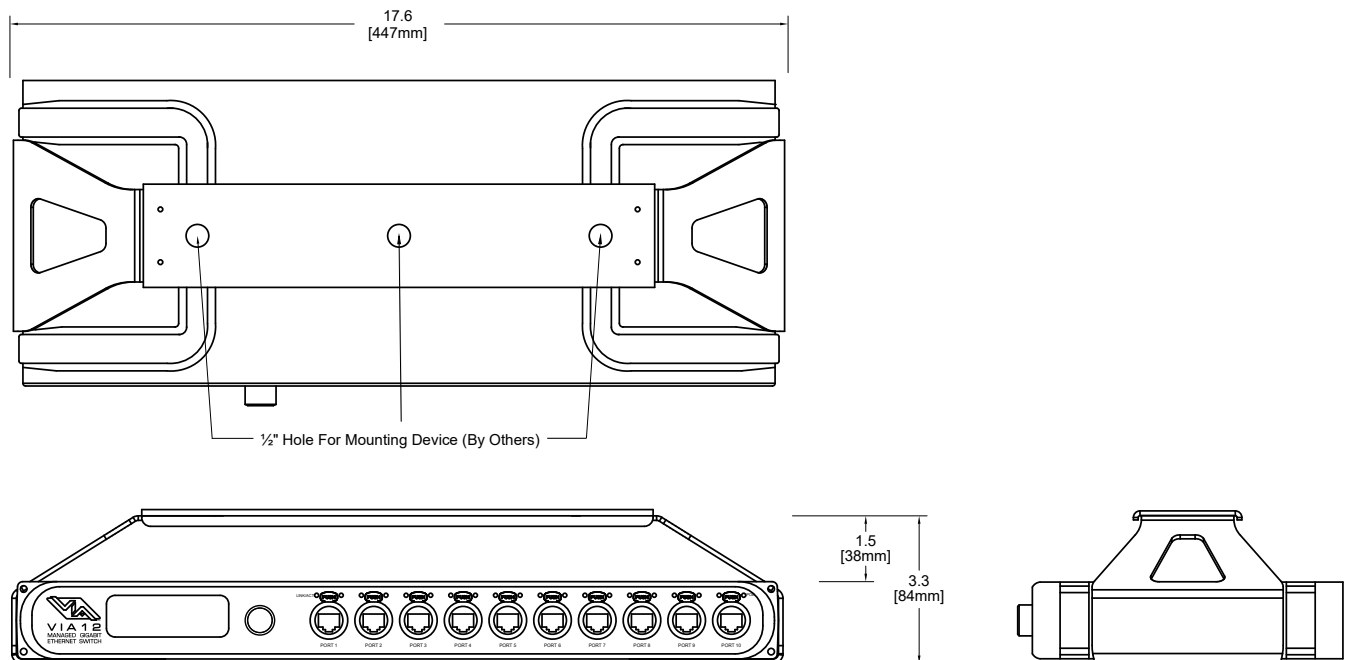
## DIMENSIONS



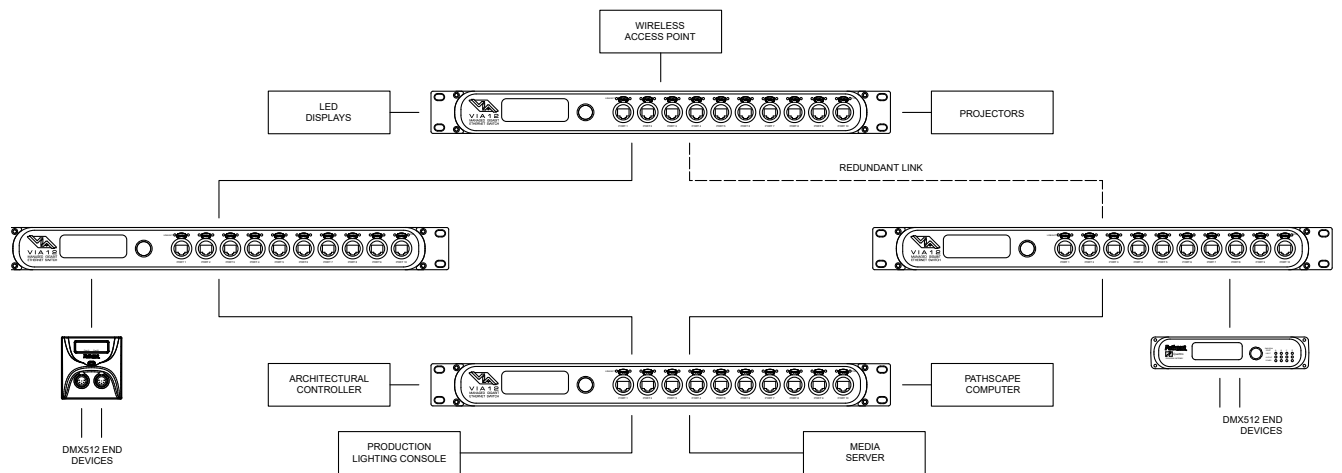
## WALL MOUNT ACCESSORY - #9002



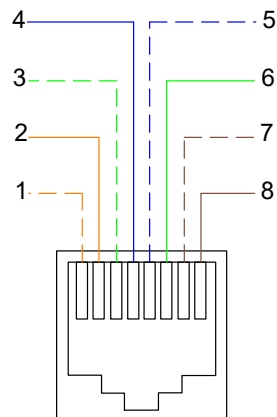
## TRUSS MOUNT ACCESSORY - #9003



### 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
6750	VIA12 Gigabit Ethernet Switch, 12 Port
6750-P	VIA12 Gigabit Ethernet Switch, 12 Port, 100W PoE on-board
<b>ACCESSORIES</b>	
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)