

**VIA12 TE GIGABIT ETHERNET SWITCH, 12 Port, opticalCON Duo, 100W PoE on-board**  
**VIA12 TE GIGABIT ETHERNET SWITCH, 12 Port, opticalCON Quad, 100W PoE on-board**

# #6752-P/6754-P



## PRODUCT OVERVIEW

The VIA12 TE is a Gigabit Ethernet Switch 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 TE ships as an unmanaged switch, pre-configured and optimized for entertainment network use, with twelve etherCON® RJ45 copper ports and two opticalCON® DUO (model 6752-P) or QUAD (model 6754-P) locking connectors for multi-mode fiber.

When needed, VLANs, EAPS, RSTP and other 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)
- Thermostatically-controlled cooling fans
- 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
- Integrated 100W PoE supply for powering compatible external devices
- Twelve locking Ethercon RJ45 ports (ten on front panel, two on rear) support 10/100/1000Base-T speeds
- Two locking opticalCON ports on rear panel support multi-mode LC fiber optic lines
- Link Layer Discovery Protocol (LLDP)
- 1 RU high housing with integral rack ears fits standard 19" rack
- Wide range input power supply with powerCON In and Thru

## SPECIFICATIONS

- 100-240 VAC 50/60 Hz wide-ranging power input
- powerCON AC Input and Through Connectors  
**Note: Do not connect more than 6 VIA12 TE switches together on one AC Input. Do not exceed 10A draw on the first switch.**
- 11.3A maximum power consumption (with 10A max AC Thru)
- 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
- California Title 1.81.26, Security of Connected Devices

### WEIGHTS AND DIMENSIONS

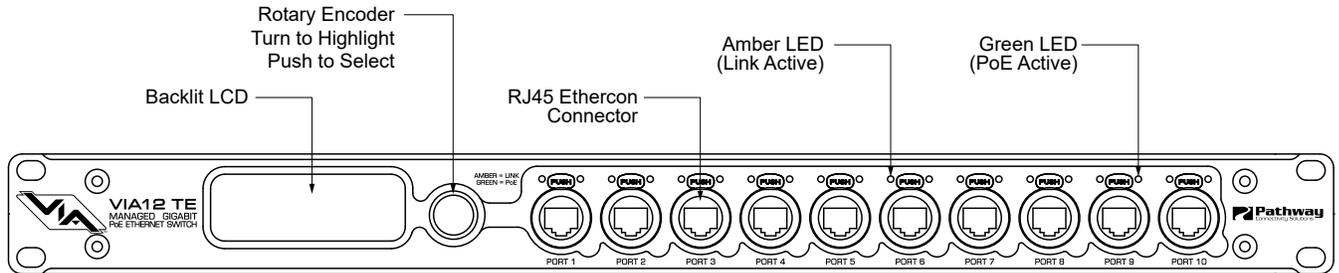
- 5.2 lbs (2.4 kg)
- 17"W x 1.7"H x 12"D (432mm x 43mm x 305mm)

### INCLUDED FURNISHINGS

- powerCON AC power cable
- Operations manual

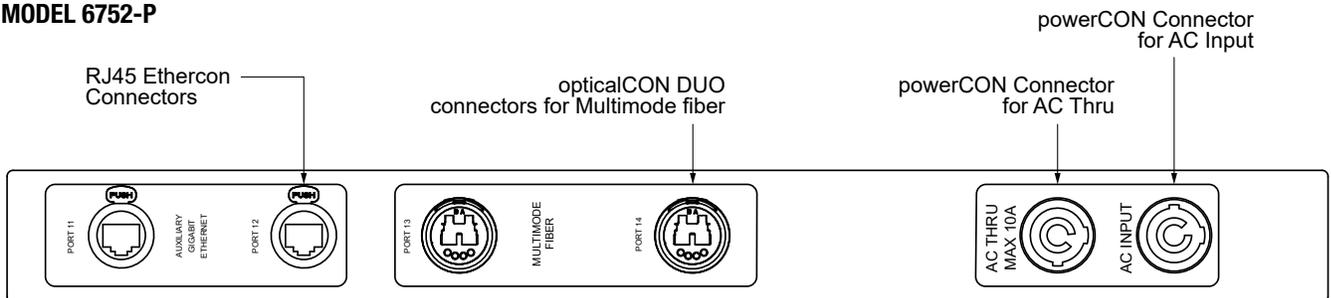
## FRONT PANEL

MODELS 6752-P, 6754-P

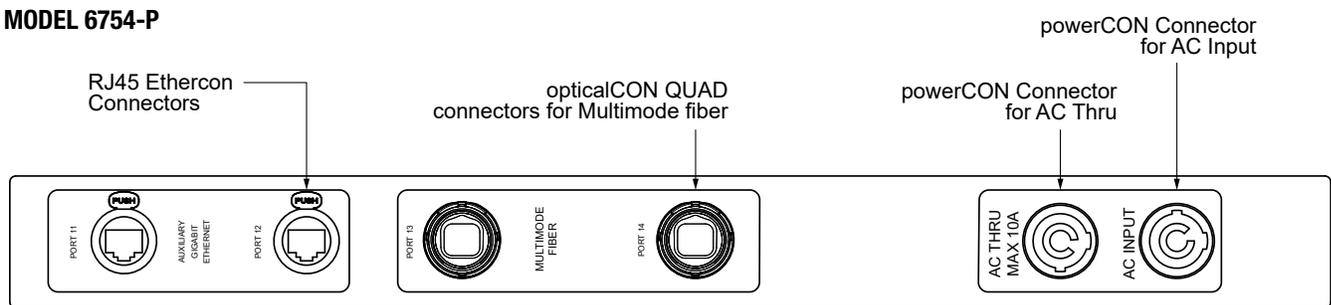


## REAR PANEL

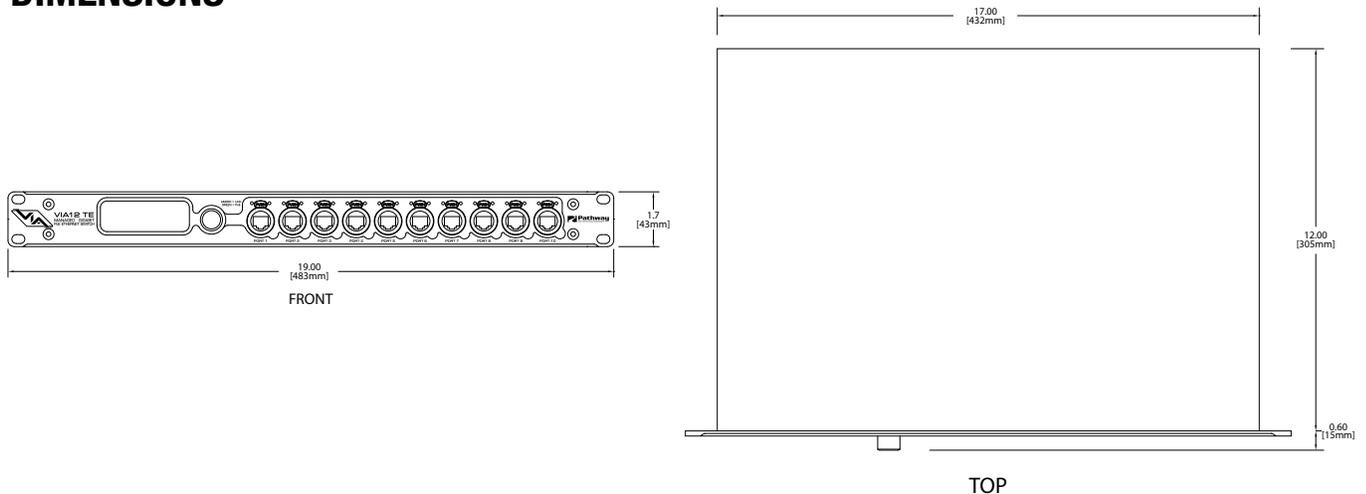
MODEL 6752-P



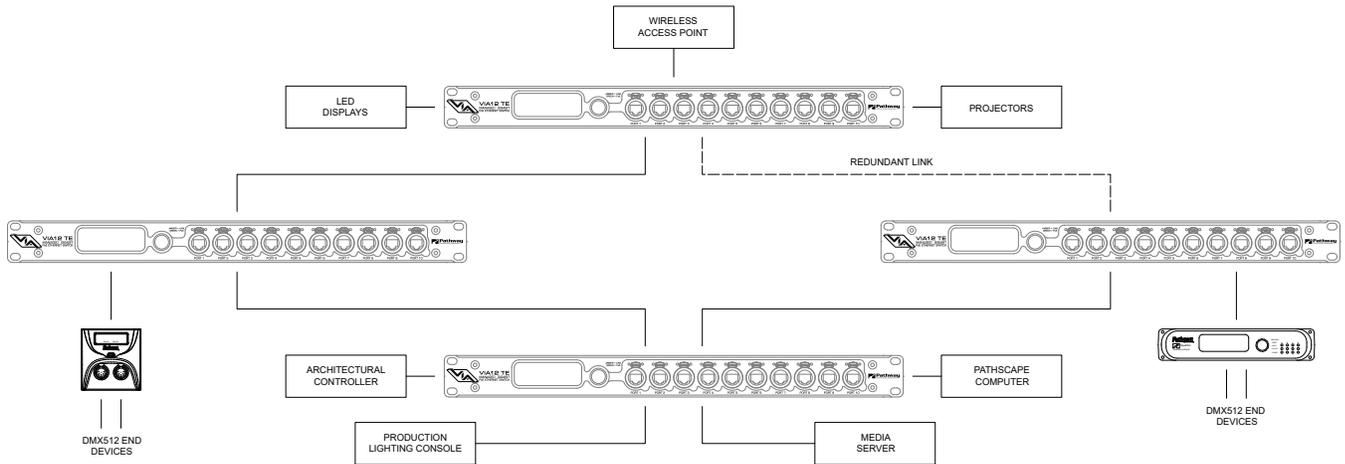
MODEL 6754-P



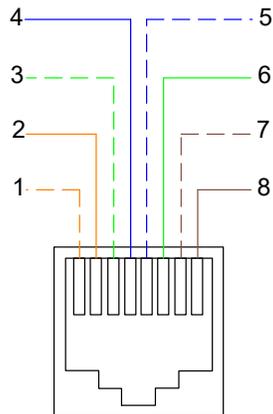
## DIMENSIONS



## 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
6752-P	VIA12 TE Gigabit Ethernet Switch, 12 Port, opticalCON Duo, 100W PoE on-board
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