

# WHY CHOOSE VIA



## over consumer brand switches?

Designed specifically for entertainment and RGBx lighting, sound & video signal routing.

It's not just about road-proven robust hardware.

You will find real time-saving management features that are easy to configure and understand.

You won't have to go to school to learn how to use VIAs.

### PoE Power over Ethernet



- 802.3af 15.4 Watts
- No need for power bricks or IEC's
- Reboot devices from Pathscape

### Bandwidth Monitor



- Easy Access from front display (rack mount models)
- Manage link speeds and find bottlenecks
- Reports % usage at current link speed

### VLAN Virtual Local Area Networks



- Gigabit fiber backbone
- Layer 2 independent LANs
- No IP conflict between departments

### T & C Trap and Convert



- Stops broadcast protocols polluting network
- Converts ArtNet to E1.31 sACN
- Lower burden on 10BaseT devices

### DHCP Dynamic Host Configuration Protocol



- Robust server at core of network
- Front panel configuration
- IP pool for each VLAN

### IGMP Internet Group Management Protocol



- Reduce broadcast traffic everywhere
- Lessens network load on end devices
- Ideally pairs with Trap & Convert

### LLDP Link Layer Discovery Protocol



- What's connected here?
- See devices come and go
- Identify Pathway gear at Layer 1

### RSTP Rapid Spanning Tree Protocol



- No fear of creating network loops
- Redundancy for cost of Cat5 cable
- No setup of ports required

### EAPS Ethernet Automatic Protection Switching



- Redundancy for cost of Cat5 cable
- Ring breakage heals in 1/20 sec
- Quickly find faults

### Dante™ Digital Audio Network through Ethernet



- Simple Dante On/Off setup
- Uncompressed, low-latency audio
- Audio & Lighting on same network



www.pathwayconnect.com

### QoS Quality of Service



- Increase throughput, reduce jitter
- Traffic priority & resource reservation
- Simple setup for audio networks