![Pathway Connectivity Solutions logo]

Networking Solved

VIA
MANAGED GIGABIT
ETHERNET SWITCH

VIA GB Switch
IP:10.0.0.2/8

PUSH O

Pathport
OCTO
TEWAY

Pathway
Port A : Universe 1
Status : Inactive Output

PUSH

10.0.67.86
Univ 1   Univ 2
No DMX Out   No DMX Out

Pathport

- Pathscape, the unified configuration tool for all Pathway Products, provides comprehensive network overview and powerful configuration tools

- End-to-end DMX512 over Ethernet management

- Versatile RDM controller for identifying, patching and setting modes on connected devices

- Rugged gear in every conceivable form-factor

- Portable and installed applications

- Support for ArtNet, E1.31 sACN, Pathport and Shownet

- Entertainment network management that makes sense

VIA | Pathport

PATHPORT GATEWAYS.
FEATURE RICH.

Pathport®

- Up to 64000 input universes according to protocol
- Unlimited outputs
- Slot-by-slot softpatch
- Merge either with sACN priorities or strict rules combining up to 8 inputs per slot
- Each output port can have a unique patch
- Port direction set by user, not by connector gender
- Configurable cross fade when input priorities change

- Change input priorities on the fly with "Magic Channel"
- User-definable signal loss behavior
- Adjustable DMX512 update rate
- Pathscape – Free configuration software utility compiled for Windows or Mac
- Pathscape includes E1.20 RDM Controller
- Gateway will unlock 512 free channels of control in CognitoPC off-line editor
- Special model converts Crestron and AMX ASCII control to reliable DMX512

A FORM FACTOR FOR EVERY APPLICATION.

OCTO & QUATTRO

- Four or eight DMX512/RDM ports
- Rugged cast aluminum housing
- Front panel LCD display and encoder knob enables most parameters to be set without need for a computer
- Status LEDs for instant confirmation of port direction and activity
- XLR5F, Phoenix terminal and RJ45 Ethercon connector options
- 19" rack-mount standard. Optional wall and truss-mount kits

UNO & C-Series

- One or two DMX512/RDM ports
- Recessed, surface and portable mounting options
- Power-over-Ethernet or 24VDC input device
- LCD display or LEDs to show port direction and activity
- XLR5 male and female connector options

Pathport eDIN

- One, two or four DMX512/RDM ports
- 35mm DIN rail mountable
- Power-over-Ethernet or 24VDC operation
- Pluggable screw terminal and IDC connectors
- Network Fade Processor model for ASCII to DMX512

Touring Edition

- One DMX512/RDM port
- Rugged injection molded case rated at IP54
- LCD display with three-button user interface enables most parameters to be set without need for computer
- Power-over-Ethernet device
- 9VDC battery enables use as portable handheld basic RDM controller and DMX512 tester
- XLR5 female connector and EtherCon RJ45 connector

MANAGED SWITCHES FOR ENTERTAINMENT NETWORKS.

- Designed and manufactured specifically for entertainment systems
- Rack mounted VIAs have front panel LCD display and an encoder knob that enables most parameters to be set without the need for a computer
- All models managed with Pathscape
- Management features include VLAN, EAPS Ring protection, RSTP, DHCP server and DHCP client, Dante QoS, port speed, bandwidth monitoring and PoE allocation
- RJ45 Ethercon connectors for copper

- Mini GBIC SFP ports for fiber and opticalCON DUO™ on the VIA 12 LC
- Available for permanent rack installation, touring models and for eDIN installations
- eDIN models ideal for sACN data distribution in networks using Pathport gateways, Choreo or Cognito controllers and NSB or Vignette architectural wall stations
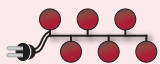
VIA10 / VIA12

VIA12 LC

VIA5

VIA16

Why choose VIA over consumer brand switches?

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.

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

PoE
Power over Ethernet
- 802.3af 15.4 Watts
- No need for power bricks or IEC's
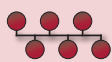- Reboot devices from Pathscape
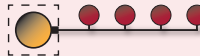
T & C
Trap and Convert
- Stops broadcast protocols polluting network
- Converts ArtNet to E1.31 sACN
- Lower burden on 10BaseT devices

VLAN
Virtual Local Area Networks
- Gigabit fiber backbone
- Layer 2 indepedent LANs
- No IP conflict between departments

IGMP
Internet Group Management Protocol
- Reduce broadcast traffic everywhere
- Lessens network load on end devices
- Ideally pairs with Trap & Convert

EAPS
Ethernet Automatic Protection Switching
- Redundancy for cost of Cat5 cable
- Ring breakage heals in 1/20 sec
- Quickly find faults

RSTP
Rapid Spanning Tree Protocol
- No fear of creating network loops
- Redundancy for cost of Cat5 cable
- No setup of ports required

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

Dante™
Digital Audio Network through Ethernet
- Simple Dante On/Off setup
- Uncompressed, low-latency audio
- Audio & Lighting on same network

DHCP
Dynamic Host Configuration Protocol
- Robust server at core of network
- Front panel configuration
- IP pool for each VLAN

QoS
Quality of Service
- Increase throughput, reduce jitter
- Traffic priority & resource reservation
- Simple setup for audio

Pathway®
Connectivity Solutions

A pioneer in entertainment lighting, Pathway Connectivity is renowned for solid, easy-to-use equipment with comprehensive, robust features.

Our reputation for innovation and reliability is based on over twenty-five years commitment to enhancing the functions and interoperability of lighting systems around the world.

For more info, visit
www.pathwayconnect.com