

# PathWay® Model 7379 Tri-Channel RJ45 Cat 6, POE, 802.3af & 802.3at Compliant Online/Offline Switch, with RS232 Remote

## INTRODUCTION

The PathWay® Model 7379 Tri-Channel RJ45 Cat6, POE 802.3af & 802.3at Compliant, Online/Offline Switch with RS232 Remote allows the user the capability of connecting two separate devices, ports A and COM, via Online or Offline connection for each channel. The Model 7379 is enclosed in a 1U, full rack size, all metal black chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack.

The switch may be controlled manually via a front panel pushbutton or remotely from an RS232 Serial port located on the rear of the unit. Switch position status may be attained via the front panel LED display or the Remote RS232 Serial port located on the rear of the unit.

## FEATURES:

- Independently control each of three channels between Online and Offline via three front panel pushbuttons, or the DB9 Remote port via RS232 Serial commands.
- The switch ports are transparent to all data.
- All (8) pins of the RJ45 interface are switched via break-before make electromechanical relays.
- The unit maintains last set position on power loss and continues to pass data.
- Front panel pushbutton control.
- Remote RS232 ASCII commands that allow the user to control switch position, lockout front panel operations, obtain switch status, query firmware version number, query serial number, and enable/disable autotend of switch positions.
- Independent control of channels.
- Remote RS232 commands allow all Channel Group commands.
- Front panel LED's display the present position and power status.
- **Certified for Cat 6 compliance.**
- **Certified for POE 802.3af & 802.3at compliance.**
- Attractive all metal black box packaging provides EMI/RFI shielding.
- Custom length Cat6 cables available for your switch installation.



## SPECIFICATIONS:

**PORT CONNECTORS:** (6) RJ45(F) connectors total (A, COM for each of three channels).

**FRONT PANEL DISPLAY:** On the front-panel, (3) Green LED (ONLINE) and (3) Red LED (OFFLINE) indicates switch position and power; (1) Green LED, (1) Red LED per channel.

**FRONT PANEL CONTROL:** (3) Pushbuttons for local switch control; (1) pushbutton per channel.

**REMOTE PORT:** (1) DB9 female connector on rear panel accepts RS232 Serial Data for Remote Control operation.

**POWER:** UL approved wall mount 100VAC/240VAC, 50Hz/60Hz power module supplies 12 VDC, 500 mA to the unit. Has 2-prong, US, non-polarized plug.

**DIMENSIONS:** Rackmount configuration 19" W x 1.75" H x 8.25" D. (48.3 x 4.4 x 21.0 cm).

**WEIGHT:** Approximately 4.3 lbs. (2.0 kg)

## WIDE RANGE POWER OPTION AVAILABLE:

(Cat No 517277) **CE, RoHS, and UL** listed table mount power module, 100VAC/240VAC, 50Hz/60Hz for use in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

## USB to DB9 Serial Converter Cable Available!

If only USB ports are available on the computer or if a USB port is chosen to be used for any reason, a USB to DB9 serial converter cable will be needed. This cable can be provided by ESL under part number 528693.

