



Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

SPECIFICATIONS
MODEL 7314
Cat. No. 307314

PathWay® Model 7314 12-Channel Cat6 RJ45 ON/OFF Switch with Ethernet Remote Port, Independent Channel Control, 1U Rackmount

- **IP Addressable. Remotely control the switch via Telnet command interface.**

INTRODUCTION

The PathWay® Model 7314 RJ45 Cat6 ON/OFF Switch with Telnet Remote allows the user the capability of connecting two separate devices, ports A and B, via an Online or Offline connection for each channel. The Model 7314 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 the front panel pushbuttons. Remote Control access can be accomplished using an Ethernet 10/100BASE-T connection and Telnet commands.

FEATURES:

- 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.
- Upon power up, unit maintains its position from power down.
- Front panel pushbutton control.
- Individual control of each channel.
- Control of the switch position from a 10/100-Base-T LAN Ethernet environment.
- Remote Control Telnet command interface that allows the user to control switch position, lockout front panel operations and obtain switch status.
- Independently or simultaneously switch channels via Telnet commands.
- Front panel LED's display present ON/OFF status and power status.
- Certified for Cat6 compliance.



Model 7314

SPECIFICATIONS:

PORT CONNECTORS: (24) RJ45 female connectors; (12) labeled A, and (12) labeled B.

COMPLIANCE: Certified for Cat6.

FRONT PANEL CONTROL: (12) Manual pushbuttons allow local switching.

DISPLAY: On the front-panel, (1) Green LED (ON) and (1) Red LED (OFF) for each channel display switch position and power.

REMOTE CONTROL: (1) RJ45 female connector on rear panel accepts 10/100 Base-T LAN Access Ethernet that uses TELNET commands for Remote Control operation

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

DIMENSIONS: Rackmount, 19.0" W x 1.75" H x 10.34" D. (48.3 x 4.4 x 26.3 cm)

WEIGHT: Approximately 6.4 lbs. (3.0 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.**

