



**Electro Standards Laboratories**  
ADVANCED SYSTEMS DESIGN & SERVICES

**SPECIFICATIONS**  
**MODEL 7324**  
Cat. No. 307324

# PathWay® Model 7324 32-Channel RJ45 Cat5e Online/Offline Switch w/RS232 Remote, Redundant Power, Keylock Inhibit, & Backup Control

## INTRODUCTION

The PathWay® Model 7324 32-Channel RJ45 Cat5e 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 of 32 channels with remote access functionality. The Model 7324 is enclosed in a 3U, 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 pushbutton or remotely from a DB9 Serial port located on the rear of the unit.

Switch position state may be attained via the front panel LEDs or the Remote RS232 Serial port (DB9) located on the rear of the unit.

## 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.
- Front panel pushbutton control.
- Simultaneous control of all channels.
- Front panel Keylock inhibits or permits pushbutton control.
- Remote RS232 ASCII commands allow the user to control switch position, lockout front panel operations, and obtain switch status.
- Front panel red LED's display the present position.
- Front panel green LED's display the power supply status.
- **Redundant power supplies double switch system reliability.**
- Front panel green LED and yellow LED display Primary Controller control or Backup Controller control.
- **Certified for Cat5e compliance.**



## SPECIFICATIONS:

**PORT CONNECTORS:** (64) RJ45 female connectors; (32) labeled A, and (32) labeled COM.

**COMPLIANCE:** Certified for Cat5e.

**FRONT PANEL CONTROL:** (1) Manual pushbutton allows local switching.

**DISPLAY:** On the front-panel, (2) Red LED's indicate Switch Position (On-line - Off-line). (1) Green LED and (1) yellow LED indicate Control Circuit (Primary - Backup). (2) Green LED's indicate Power Supply (Power 1 - Power 2).

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

**POWER SUPPLY 1 & 2:** Two Wide Range (Cat No 517277) CE, RoHS, and UL listed table mount power modules, 100VAC / 240VAC, 50Hz/60Hz are included with the unit. Have an IEC 60320 C-14 inlet. **Ideal for international applications.**

**DIMENSIONS:** Rackmount, 19.0" W x 5.25" H x 16.17" D. (48.3 x 13.4 x 41.1 cm)

**WEIGHT:** Approximately 14.5 lbs. (6.6 kg).

## Model 7324 32-Channel RJ45 Cat5e ONLINE/OFFLINE Application

