

PathWay® Model 7345 RJ45 Cat5 A/B Switch with Remote Serial Control

- **Ideal for Commercial-Off-The-Shelf (COTS) purchase applications.**

INTRODUCTION

The Model 7345 RJ45 Cat5 A/B Switch with RS232 Remote allows users to connect a workstation or device between two other devices or networks. The switch employs an RJ45 Cat5 connector interface on ports A, B, and Common. A front panel pushbutton allows the user to select the switch position. LED indicators on the front panel display the switch position. The Model 7345 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 unit also has an RS232 serial port for remote control. The Remote port allows monitoring and control of the switch unit. A terminal or a computer in terminal mode connected to this port can communicate with the unit, determine its status, change the switch position as desired, and lockout front panel switching capability.

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.
- Remote RS232 ASCII commands that allow the user to control switch position, lockout front panel operations, and obtain switch status.
- Front panel LED's display the present position and power status.

- **Certified for Cat5 compliance.**

- ★ **Municipalities, schools, government: This product is on GSA Schedule!**

All REMOTE CONTROL commands are ASCII. A command is created by simply pressing the desired character key. The unit will accept commands in either upper or lower case.

Commands	Function
A, a	switch to A
B, b	switch to B
P, p	query for present status
L, l	lock out front panel pushbutton
U, u	unlock pushbutton
V, v	Model and firmware version query



SPECIFICATIONS:

PORT CONNECTORS: (3) RJ45 (F) Connectors labeled A, B, and COM.

REMOTE CONNECTOR: (1) DB9(F) connector, allows remote switch control via RS232 serial data.

CONTROL: Pushbutton on front panel for local switch control.

DISPLAY: (2) Red LED's indicate switch position and power presence.

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

DIMENSIONS: 19.0" W x 1.75" H x 8.1" D. (48.3 x 4.4. x 20.6 cm)

WEIGHT: Approximately 4.2 lbs. (1.9 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.**

Model 7345 Application

