Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

GSA Schedule
Contract GS-35F-0286V

SPECIFICATIONS
MODEL 4421
Cat. No. 304421

# PathWay® Model 4421 Cat5 RJ45 A/B Switch with Password Serial Remote

- **Provides Cat5 Performance**
- **Password Protected Remote Control function avoids unauthorized user access.**

## INTRODUCTION

The PathWay® Model 4421 Single Channel RJ45 Cat5 A/B Switch with RS232 Remote allows the user the capability of sharing a single port interface device connected to the "COMMON" port among two other devices connected to the "A" and "B" ports. Remote access can be accomplished using a DB9 RS232 connection and ASCII serial commands. The Model 4421 is packaged in a slim desktop style enclosure.

## FEATURES:

- Allows quick connection to any one of two RJ45 devices from one COMMON device.
- 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 RS-232 ASCII commands that allow the user to control switch position, lockout front panel operations, and obtain switch status.**
- **Remote control of the switch is password protected, where the password protection can be disabled.**
- Front panel LED's display present position and power status.
- Certified for Cat5 compliance.
- Rated for 10/100 Base-T networks (up to Cat5).
- Attractive anodized black box packaging provides EMI/RFI shielding.
- Custom length RJ45 cables available for your switch installation.
- ★ **Municipalities, schools, government: This product is on GSA Schedule!**

**For Rackmount Configuration,**
See Model 7344, Cat. No. 307344

### PathWay® Model 4421



## SPECIFICATIONS:

**PORT CONNECTORS:** (3) RJ45 female connectors are labeled A, B, and COMMON.

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

**DISPLAY:** (2) Front panel LED's display switch position and power status.

**REMOTE CONTROL:** (1) DB9 female connector on rear panel accepts ASCII RS232 Serial Data for Remote Control operation.
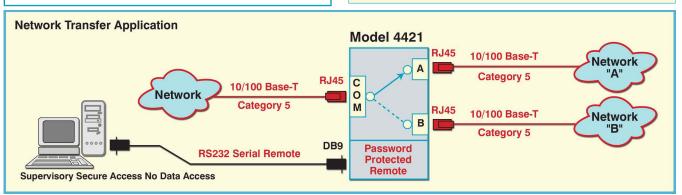
**POWER:** UL approved 100VAC/240VAC, 50Hz/60Hz wall mount power module supplies 12 VDC, 500mA to the unit. Has 2-prong, US, non-polarized plug.

**DIMENSIONS:** Desktop 8.11" W x 3.10" H x 7.26" D. (20.6 x 7.9 x 18.5 cm).

**WEIGHT:** Approximately 1.8 lbs. (0.9 kg)

## WIDE RANGE POWER OPTION AVAILABLE:

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

**Network Transfer Application**