

PathWay® Model 7121 18-Channel Cat5 RJ45 A/B Switch with RS232 Remote

- **Applicable to switching ANY RJ45 interface networks or devices.**
- **Over 45 years of being a key supplier to the MIL/COTS industry.**
- **Certified for Cat5 compliance.**

INTRODUCTION

The PathWay® Model 7121 18-Channel RJ45 Cat5 A/B Switch with RS-232 Remote allows the user the capability of accessing, on each channel, one of two separate devices via a device connected into the channel's Common port. The Model 7121 is enclosed in a 3U, full rack size, black anodized chassis designed to provide EMI/RFI shielding and fit in a standard 19" rack.

The switch may be controlled manually by a front panel push button or remotely from an RS-232 serial control port located on the rear of the unit. Switch position status may be attained via the front panel LED display or remote RS-232 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 a break-before-make electromechanical relay.
- The unit maintains last set position on power loss and continues to pass data.
- Simultaneous control of all channels.
- Front panel pushbutton control.
- Remote RS-232 ASCII commands that allow the user to control switch position, lock out front panel operations, obtain switch status, as well as query firmware version number, query serial number, and enable/disable autosend of switch positions.
- Front panel LED's display present position and power status.
- **Certified for Cat5 compliance.**

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.**



SPECIFICATIONS:

PORT CONNECTORS: (3) RJ45 female connectors labeled A, B, and COMMON for each of the eighteen channels.

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

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

REMOTE: (1) DB9 female connector on rear panel accepts 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: Rackmount 19.0" W x 5.25" H (3U) x 10.25" D. (48.3 x 13.3 x 26.0 cm)

WEIGHT: Approximately 8.6 lbs. (3.9 kg)

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