Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

SPECIFICATIONS
MODEL 7908
Cat. No. 307908

PathWay Model 7908 10-Channel A/B/OFFLINE Multi-Interface Switch: (3) 4-Pin 3.5mm Audio, (3) RJ45 Cat5e, (3) HDMI Video, (1) 120 Volts Power A/B/Offline with RS232 Remote

- Quickly and easily switch all ten channels (Data, Audio, Video and Power) simultaneously!
- Ideal for conference room applications that require switching video cameras to codec or display units.
- Ideal for conference room applications that employ smart cameras having an HDMI Video Channel, an Ethernet port to control camera movement, an audio port for integrated sound.

INTRODUCTION

The PathWay® Model 7908 10-Channel (3) RJ45 Cat5e POE 802.3af & 802.3at Compliant, (3) 4-Pin 3.5 mm, (3) HDMI A/B/Offline Switch, and 120 Volts A/B/Offline Switch with RS-232 Remote allows the user the capability of sharing a single port RJ45 Cat5e, 3.5mm, HDMI and/or 120 Volts interface device, connected to the "COMMON" port, among two other devices, connected to the "A" and "B" ports. The Online/Offline status of all channels can be switched simultaneously via front panel pushbutton control. The Model 7908 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 Model 7908 may be controlled manually via front panel pushbuttons or remotely from an RS232 Serial port located on the rear of the unit.

FEATURES:

- Simultaneously switch all ten channels between A, B, and Online/Offline positions locally via front panel pushbuttons.
- The Online/Offline status of all channels can be switched simultaneously via front panel pushbutton control.
- The switch ports are transparent to all data.
- All (8) pins of the RJ45 Data interface are switched via break-before- make electromechanical relays.
- All (4) leads of the 4-Pin 3.5mm Audio interface are switched via break-before-make electromechanical relays.
- All (19) pins of the HDMI Video Interface are switched via break-before-make electromechanical relays.
- IEC C14 male connector port for the COMMON port.
- COMMON port is power in.
- AC Socket for A and B ports.
- Contacts rated for 120 VAC 10A current (Non-inductive load).
- Power only on the port selected, with no power going to the non-selected port.
- The unit maintains last set position on power loss and continues to pass data for the 3.5mm Audio and RJ45 Cat5e ports.
- On power loss, the HDMI Video Channels remain in present position, but shut down and do not pass signals.
- Upon power up, the switch will remain in the OFFLINE position and will not allow data or switch power to pass
- Front panel pushbutton control.
- Remote RS232 ASCII commands that allow the user to control switch position, lockout front panel operations, obtain switch status, query firmware version number, query serial number, and enable/disable autosend of switch positions.
- Simultaneous control of all channel via push button control.
- Front panel LED's display the present position and power status.
- **Certified for Cat 5e compliance.**
- **Certified for POE 802.3af & 802.3at compliance.**
- **HDMI supports 1080p.**

SPECIFICATIONS:

PORT CONNECTORS:

- (9) RJ45 Cat5e female connectors; three labeled A, B, and COMMON for each channel
- (9) 4-Pin 3.5mm connectors; three labeled A, B, and COMMON for each channel.
- (9) HDMI connectors; three labeled, A, B, and COMMON for each channel.
- (2) AC Socket (F) A/B Signal ports.
- (1) IEC C14 (M) Common Signal port.

FRONT PANEL CONTROL: (2) Manual Pushbuttons allow local A/B switching of operating channels and online/offline status

DISPLAY: (4) Front panel LED's display switch position and power status.

(2) Red LEDs display switch position

(1) Green LED displays Online status

(1) Amber LED displays Offline status

REMOTE PORT: (1) DB9 female connector on rear panel accepts RS232 Serial Data for Remote Control operation

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

DIMENSIONS: 19.0"W x 5.2"H x 10.3"D.
(48.3 x 8.9 x 26.0 cm)

WEIGHT: Approx. 9.1 lbs. (4.2 kg)
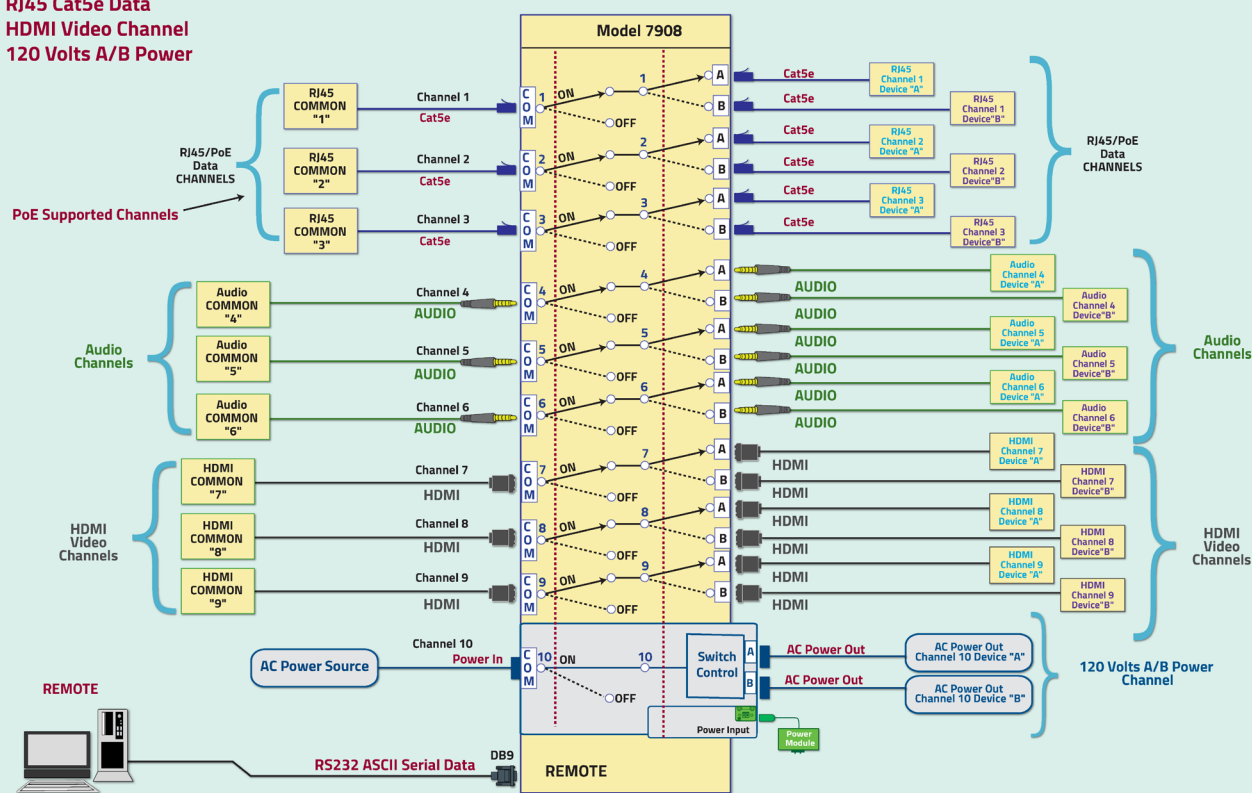
WIDE RANGE POWER OPTION AVAILABLE:
(Cat No 517277) CE, RoHS, and UL listed table mount power module, 100VAC-240VAC, 50Hz-60Hz for use in place of standard power module that is included with the unit. Has IEC 60320 C14 inlet. **Ideal for international applications.**

Electro Standards Laboratories
ADVANCED SYSTEMS DESIGN & SERVICES

MADE IN USA

PathWay Model 7908 10-Channel A/B/OFFLINE Multi-Interface Switch: (3) 4-Pin 3.5mm Audio, (3) RJ45 Cat5e, (3) HDMI Video, (1) 120 Volts Power A/B/Offline with RS232 Remote, PoE Interface

- Quickly and easily switch all ten channels (Data, Audio, Video and Power) simultaneously!
- Ideal for conference room applications that require switching video cameras to codec or display units.
- Ideal for conference room applications that employ smart cameras having an HDMI Video Channel, an Ethernet port to control camera movement, an audio port for integrated sound.

PathWay® Model 7908 Ten-Channel A/B/Offline Switch Application:
- 4-Pin 3.5mm Audio
- RJ45 Cat5e Data
- HDMI Video Channel
- 120 Volts A/B Power

CUSTOMER & TECHNICAL SUPPORT

CUSTOMER SUPPORT

For customer assistance, ordering assistance, or communications cables of any length or configuration, please contact Electro Standards Laboratories, (877) 943-1164 and ask for sales/customer support.

TECHNICAL SUPPORT

For technical support with unit operation, cable configuration, etc., please contact Electro Standards Laboratories, (877) 943-1164 and ask for technical support. Please have the unit model number and serial number available when you call.