

HDMI In-Line Control Module

Description

Our HD11CTRL HDMI in-line controller is an automated room control solution including display on/off control via CEC, RS-232 and IR when a HDMI signal is sensed on the input.

External relay inputs allow third party triggers for integration with devices such as sensors or switches.

The HD11CTRL will also help with HDMI compatibility, HDCP2.2, clock stretching, EDID and handshaking issues that are becoming common problems when distributing HDMI signals especially 4K.

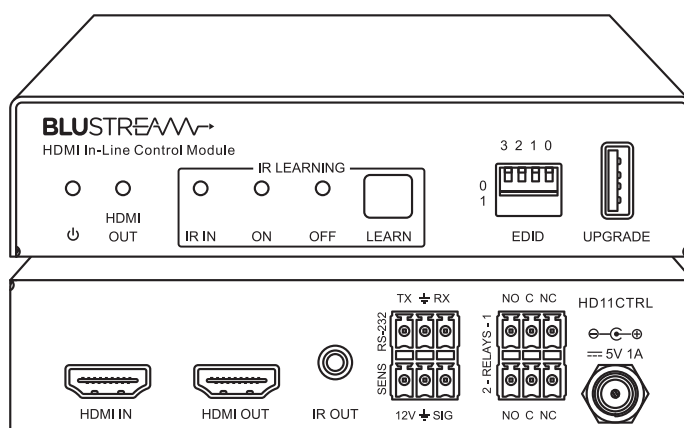
The HD11CTRL supports full HDMI 2.0 and HDCP 2.2 with video resolutions up to and including 4K @ 60Hz 4:4:4.

Specifications

- **Video Input Connectors:** 1 x HDMI Type A, 19-pin, female
- **Video Output Connectors:** 1 x HDMI Type A, 19-pin, female
- **RS-232 Serial Port:** 1 x 3-Pin Phoenix connector
- **IR Output Port:** 1 x 3.5mm mono jack
- **Relay Control:** 2 x 3-Pin Phoenix connector (1A at 30V DC or Lower)
- **Sensor Input:** 1 x 3-Pin Phoenix connector
- **EDID:** 4-PIN DIP switch
- **Product Upgrade:** 1 x USB Type A female
- **Casing Dimensions (W x H x D):** 120mm x 28mm x 84mm
- **Shipping Weight:** TBC
- **Operating Temperature:** 32°F to 104°F (-5°C to +55°C)
- **Storage Temperature:** -4°F to 140°F (-25°C to +70°C)
- **Power Supply:** 5V/1A DC

Key Features

- Automated in-line HDMI control module
- Supports HDMI 2.0 18 Gbps specification including HDR
- Supports resolutions up to 4K UHD 60Hz 4:4:4
- Supports bitstream passthrough of multichannel surround sound including object-based audio formats in line with HDMI specifications.
- Can help to solve most HDMI EDID, HDCP, compatibility and handshaking issues
- Automatic display control via CEC, RS-232 or IR
- Relay control for interface to third party devices such as projector screens
- Contact closure input for connection from third party devices such as sensors or switches
- Advanced EDID and HDCP management



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