

MAX-12G-HDMI 12G-SDI to HDMI 2.0 Extender – Transmitter



The **MAX-12G-HDMI** offers seamless 12G-SDI to HDMI signal conversion and extension for Media Axis™ systems. The **MAX-12G-HDMI** offers a 12G-SDI input as well as a redundant 12G-SDI input for enhanced reliability in general and critical applications.

The **MAX-12G-HDMI** connects directly to the HDMI input card (MAX-HI) of Media Axis™ switchers.

Key Features

- 12G-SDI to HDMI 2.0 Transmitter for Media Axis™
- Supports input resolutions up to 4K@60Hz
- High-bandwidth lossless transport
- Redundant 12G-SDI input
- Compatible with MAX-HI, connects directly to the Media Axis™ HDMI input card

Technical Specifications

| | |
|-----------------------|---|
| CONNECTOR TYPES | (1) HDMI [Type A Female] (2) BNC connectors [female] (1) 3-pin phoenix connector [12V power] |
| INPUT SIGNAL TYPES | 12G-SDI (2nd input is redundant) |
| OUTPUT SIGNAL TYPES | HDMI 2.0 |
| COMPATIBILITY | Compatible with MAX-HI |
| SDI STANDARD | SMPTE 295M, SMPTE 292M, SMPTE 296M, SMPTE 424M, SMPTE 425M Level A, SMPTE 2081-1, SMPTE 2018-10, SMPTE 2082-10 ITU-R BT.656, ITU-R BT.601 |
| SUPPORTED RESOLUTIONS | 525i59.94, 625i50, 720p50, 720p59.94, 720p60, 1080i50, 1080i59.94, 1080i60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60 |
| SDI VIDEO SAMPLING | YCbCr 4:2:2 |
| SDI AUDIO SAMPLING | 48KHz, 24Bits, 8Channel |
| EDID CONTROL PORT | 16 Position Rotary Switch |
| CONTROL PORT | Dip Switch |
| POWER | DC +12V, AC100~220V |
| OPERATING TEMPERATURE | -4°F ~ 158°F (-20°C ~ 70°C) |

MAX-12G-HDMI

12G-SDI to HDMI 2.0 Extender – Transmitter

| | |
|--------------------|--------------------|
| OPERATING HUMIDITY | 10% ~ 80% |
| OPERATING ALTITUDE | 3,000m Max. |
| WEIGHT | 1.5 lbs. (0.68 Kg) |