

HDMI Converters



Hi5-12G

Hi5-12G-R

Hi5-12G-TR

Hi5-12G Models

12G-SDI to HDMI 2.0 Converters with Embedded Audio and Fiber LC model options

Hi5-12G models are AJA's 12G-SDI to HDMI 2.0 Mini-Converters. The 12G-SDI input is converted to HDMI 2.0 output for driving affordable 4K/UltraHD/2K/HD HDMI monitoring solutions. Fiber SFP-equipped Hi5-12G models include the Hi5-12G-R receiver, which extends HDMI 4K/UltraHD signals over long distances from either an SDI or a Fiber connected source, and the Hi5-12G-TR transceiver, which delivers a 4K/UltraHD SDI or Fiber source signal to an HDMI destination with pass on of the source through SDI or Fiber to a secondary destination.

Models:

- **Hi5-12G** 12G-SDI coaxial to HDMI 2.0
- **Hi5-12G-R** Includes 1-Channel 12G-SDI Single Mode LC Fiber Rx SFP
- **Hi5-12G-TR** Includes 1-Channel 12G-SDI Single Mode LC Fiber TR SFP

Hi5-12G

12G-SDI to HDMI 2.0 Converter with Embedded Audio

Hi5-12G converts a 4K/UltraHD 12G-SDI single-link input with eight channels of embedded digital audio to an HDMI 2.0 output with two or eight channels of audio.

The compact device features a 12G-SDI single-link input with a re-clocked SDI loop out for simpler confidence monitoring or pass on for SDI pipelines.



Features:

- Convert 12G-SDI to HDMI 2.0b 4K/60 Output
- Supports Two Sample Interleave (2SI) 4K/UHD mapping
- Lock LEDs shows type of input source, SD-SDI (Green), HD-SDI (Red), 3G-SDI (Amber), 6G-SDI (Purple) or 12G-SDI (Blue).
- Embedded audio support 8-Channel 24-bit
- Analog Audio Output (2x RCA Style Connector)
- Fully supports HDMI v2.0b to the maximum 18 Gbps for 4K/UltraHD 50/59.94/60 4:2:2/4:4:4
- HDR support with HDR10 and HLG
- Configure via USB port and supplied Mini-Config software
- DWP-U-R1 power supply included
- Five year warranty

HDMI Converters

Hi5-12G-R

12G-SDI to HDMI 2.0 Converter with Embedded Audio and Included Fiber LC Single-Channel Receiver

Hi5-12G-R converts a 4K/UltraHD/2K/HD 12G-SDI single-link input or a Fiber LC source from up to 10km away with eight channels of embedded digital audio to an HDMI 2.0 output with two or eight channels of audio.

The compact device features a re-clocked SDI loop out for simpler confidence monitoring or pass on for SDI pipelines.



Features:

- Convert 12G-SDI or 12G Fiber to HDMI 2.0b 4K/60 Output
- 1-Channel 12G Single Mode LC Fiber Receiver
- Supports Two Sample Interleave (2SI) 4K/UHD mapping
- Lock LEDs shows type of input source, SD-SDI (Green), HD-SDI (Red), 3G-SDI (Amber), 6G-SDI (Purple) or 12G-SDI (Blue).
- Embedded audio support 8-Channel 24-bit
- Analog Audio Output (2x RCA Style Connector)
- Fully supports HDMI v2.0b to the maximum 18 Gbps for 4K/UltraHD 50/59.94/60 4:2:2/4:4:4
- HDR support with HDR10 and HLG
- Configure via USB port and supplied Mini-Config software
- DWP-U-R1 power supply included
- Five year warranty

Hi5-12G-TR

12G-SDI to HDMI 2.0 Converter with Embedded Audio and Included Fiber LC Single-Channel Transceiver

Hi5-12G-TR converts a 4K/UltraHD/2K/HD 12G-SDI single-link input or a Fiber LC source from up to 10km away with eight channels of embedded digital audio to an HDMI 2.0 output with two or eight channels of audio.

The included Fiber LC transceiver in the Hi5-12G-TR allows a 4K/UltraHD SDI or Fiber source signal to be sent to an HDMI destination with pass on of the source through SDI or Fiber to a secondary destination.

The compact device features a re-clocked SDI loop out for simpler confidence monitoring or pass on for SDI pipelines.



Features:

- Convert 12G-SDI or 12G Fiber to HDMI 2.0b 4K/60 Output
- 1-Channel 12G Single Mode LC Fiber Transceiver
- Supports Two Sample Interleave (2SI) 4K/UHD mapping
- Lock LEDs shows type of input source, SD-SDI (Green), HD-SDI (Red), 3G-SDI (Amber), 6G-SDI (Purple) or 12G-SDI (Blue).
- Embedded audio support 8-Channel 24-bit
- Analog Audio Output (2x RCA Style Connector)
- Fully supports HDMI v2.0b to the maximum 18 Gbps for 4K/UltraHD 50/59.94/60 4:2:2/4:4:4
- HDR support with HDR10 and HLG
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