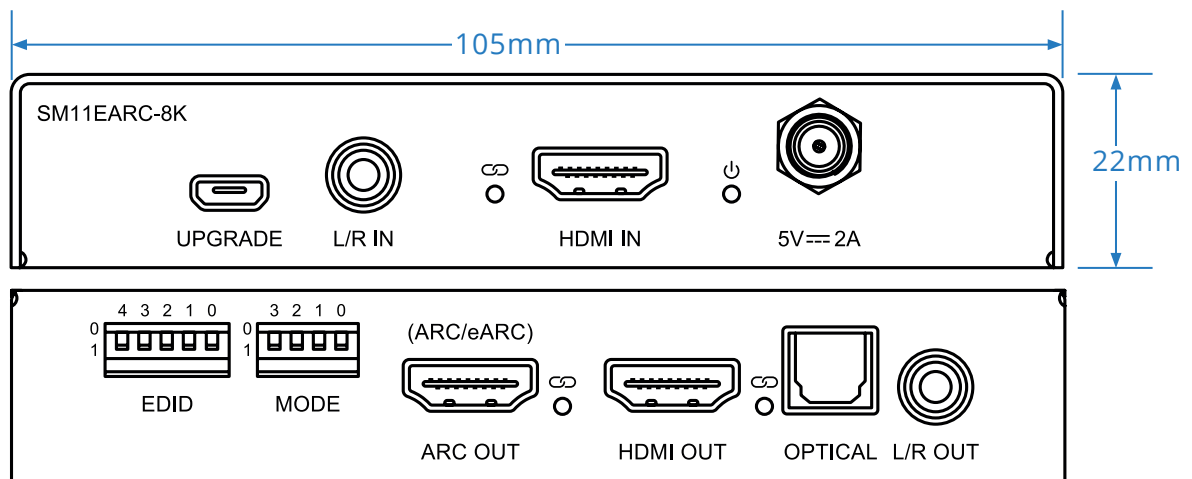


8K HDMI signal manager

Description

Our SM11EARC-8K HDMI signal manager has been designed to help solve HDMI compatibility, HDCP2.3, clock stretching, EDID and handshaking issues that are common problems when distributing HDMI signals, especially 4K and higher.

The SM11EARC-8K features an independent audio only HDMI output for ARC/eARC audio breakout, and audio de-embedding or embedding within the HDMI signal path, allowing breakout of up to 7.1ch audio signals. The SM11EARC-8K supports all HDMI2.1 video resolutions to 40Gbps, and is HDCP2.3 compliant.



Key Features

- Can help to solve most HDMI EDID, HDCP, compatibility, and handshaking issues
- Supports HDMI2.1 40Gbps specification, including HDR
- Supports up to 8K 60Hz YCbCr 4:2:0 10bit, 8K 30Hz RGB/ YCbCr 4:4:4 10bit, or 4K 120Hz RGB/YCbCr 4:4:4 10bit
- Supports ALLM (Auto Low Latency Mode) & VRR (Variable Refresh Rate)
- Supports pass-through of all known HDMI audio formats including Dolby Atmos, Dolby TrueHD, Dolby Atmos, Dolby Digital Plus and DTS-HD Master
- Can be configured to work as either a HDMI audio de-embedder, or audio embedder
- Independent audio only HDMI output for ARC/eARC audio breakout
- HDMI audio de-embedded to both analogue L/R audio and optical digital outputs concurrently (analogue audio supports 2ch PCM only)
- Embed analogue L/R 2ch audio input onto HDMI output
- Extract audio with or without an actual display connected (SM11EARC-8K acts as HDMI end-point)
- HDCP2.3 compliant, with advanced EDID management

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Connectivity

- **Video Input:** 1 x HDMI Type A, 19-pin, female
- **Video Output:** 1 x HDMI Type A, 19-pin, female
- **ARC/eARC Output Connector:** 1 x HDMI Type A, 19-pin, female
- **Audio Input Connector :** 1 x Analogue left/right audio (3.5mm stereo jack)
- **Output Connector :** 1 x Optical Toslink (S/PDIF) & 1 x Analogue left right audio (3.5mm stereo jack)

Specifications

- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature :** -4°F to 140°F (-20°C to 60°C)
- **Unit Dimensions (W x D x H):** 105mm x 104mm x 22mm (without connections)
- **Unit Dimensions (W x D x H):** 105mm x 115mm x 22mm (including connections)

Included Accessories

- 1 x SM11EARC-8K
- 1 x 5V/2A DC Power Supply
- 1 x Mounting Kit

Regulatory Compliance



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