

AJA Hi5-4K-Plus 3G-SDI to HDMI 2.0 Converter

Download Spec Sheet @ www.rentex.com/spec/XVP2120.pdf

Rentex Product No. XVP2120



Mfr Part No. HI5-4K-PLUS

AJA's Hi5-4K-Plus preserves your vision with pristine image fidelity and HFR support up to 60p for 4K/UltraHD SDI to HDMI 2.0 conversion needs. The Hi5-4K-Plus can also generate HDR metadata in accordance with HDMI v2.0a/CTA-861.3.

Hi5-4K-Plus provides a simple monitoring connection from professional 4K devices using Quad 3G-SDI, Quad 1.5G-SDI, or Dual 3G-SDI outputs to new displays with HDMI 2.0 inputs, for cost-effective monitoring for 4:2:2/4:4:4 60p professional workflows.

Features

- Integrates 4K monitors that utilizes an HDMI 2.0 connection through a single cable, with the ones that use four SDI cables to carry the full resolution image
- Hi5-4K-Plus allows allowing UltraHD monitors to be used in 4K productions and 4K monitors to be used in 3840 x 2160 resolution
- Up to 8 channels of embedded audio in the incoming SDI signal are carried through seamlessly into the HDMI output

Detailed Specifications

Video Input Digital	4 x 3G-SDI BNC, SMPTE-259/292/424
Video Output Digital	1 x HDMI Type A connector HDMI v1.4a 4K/UltraHD 4:2:2 up to 30 fps, 4:2:0 up to 60 fps HDMI v2.0 4K/UltraHD 4:2:2/4:4:4 up to 60 fps
HDCP	The Hi5-4K-PLUS does not encode the HDMI with HDCP encryption. By definition, HD-SDI inputs to the Hi5-4K are unencrypted. The HDMI specification requires HDMI monitors to support unencrypted inputs
Audio Input Digital	SDI embedded audio, 24-bit, 8-Channel
Audio Output Digital	SDI embedded audio, 24-bit, 8-Channel
Power	5 to 20 VDC regulated, 8 W, power supply required
Environment	Operating Temperature: 32 to 104°F (0 to 40°C) Storage Temperature: -40 to 140°F (-40 to 60°C) Operating Relative Humidity: 10 to 90% non-condensing Operating Altitude: < 10,000' (3,000 m)
Dimensions	4.0 x 5.8 x 0.9" (WxDxH)
Weight	0.5 lb (0.3 kg)
Video Formats	4 x 3 GB SDI (Level A or B-Dual Link) 4K 4096 x 2160p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 4K 4096 x 2160PsF (Level B-Dual link) 23.98, 24, 25, 29.97, 30 UltraHD: 3840 x 2160p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 Ultra HD: 3840 x 2160PsF (Level B-Dual link) 23.98, 24, 25, 29.97, 30 4 x 1.5 GB SDI 4K: 4096 x 2160p 23.98, 24, 25, 29.97, 30 4K: 4096 x 2160PsF 23.98, 24, 25, 29.97, 30 UltraHD: 3840 x 2160p 23.98, 24, 25, 29.97, 30 UltraHD: 3840 x 2160PsF 23.98, 24, 25, 29.97, 30

Video Formats	2 x 3 GB SDI (Level B-Dual Stream) 4K: 4096 x 2160p 23.98, 24, 25, 29.97, 30 4K: 4096 x 2160PsF 23.98, 24, 25, 29.97, 30 UltraHD: 3840 x 2160p 23.98, 24, 25, 29.97, 30 UltraHD: 3840 x 2160PsF 23.98, 24, 25, 29.97, 30 1 x 3 GB SDI (Level A or B-Dual Link) 2K: 2048 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 2K: 2048 x 1080PsF 23.98, 24, 25, 29.97, 30 HD: 1920 x 1080p 23.98, 24, 25, 29.97, 30, 50, 59.94, 60 HD: 1920 x 1080PsF 23.98, 24, 25, 29.97, 30 HD: 1920 x 1080i 25, 29.97, 30 HD: 1280 x 720p (Level A only) 50, 59.94, 60 1 x 1.5 GB SDI 2K: 2048 x 1080p 23.98, 24, 25, 29.97, 30 2K: 2048 x 1080PsF 23.98, 24, 25, 29.97, 30 HD: 1920 x 1080p 23.98, 24, 25, 29.97, 30 HD: 1920 x 1080PsF 23.98, 24, 25, 29.97, 30 HD: 1920 x 1080i 25, 29.97, 30 HD: 1280 x 720p 50, 59.94, 60 1 x 270 Mb SDI SD: 625i 25 SD: 525i 29.97
----------------------	---