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.

Connectivity

The latest generation of affordable 4K monitors utilize an HDMI 2.0 connection, which allows a full 4K signal to be passed over a single cable. Typical professional 4K workflows use four SDI cables to carry the full resolution image, making it difficult to incorporate these newer monitors. Hi5-4K-Plus is an easy-to-use converter that bridges the gap between these two worlds for seamless integration.
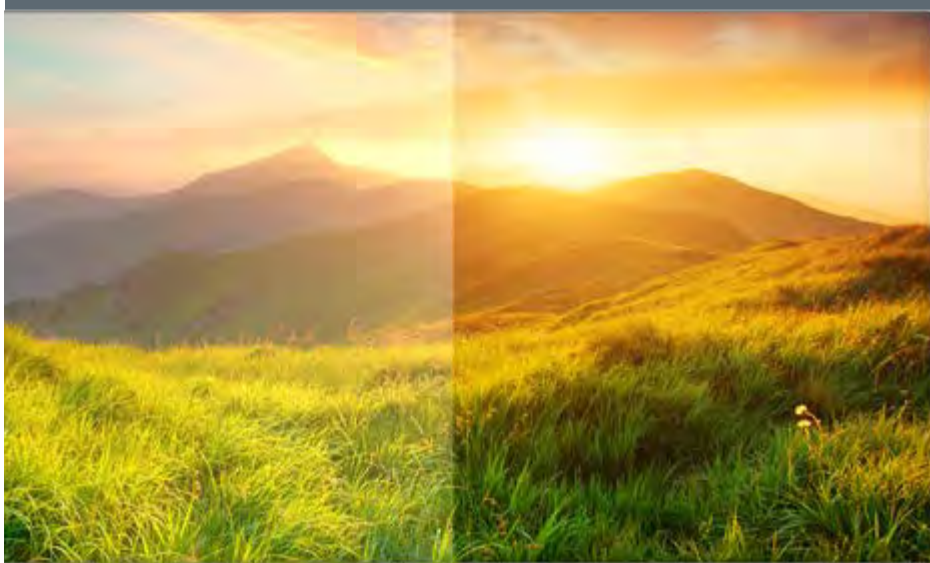
Audio

Up to 8-channels of embedded audio in the incoming SDI signal are carried through seamlessly into the HDMI output, ensuring your audio is always in sync and can be easily played back on the connected monitor.

4K and UltraHD

Typical 4K signals use a resolution of 4096x2160 pixels while UltraHD signals measure 3840x2160. This difference can prevent some monitors from being used either in full 4K workflows or in UltraHD workflows. Hi5-4K-Plus can compensate for these resolution differences, allowing UltraHD monitors to be used in 4K productions and vice versa.

Hi5-4K-Plus also supports High Frame Rate (HFR) inputs. 4K/UHD signals at 50 or 60 fps can be fed into Hi5-4K-Plus and output at up to 60p for viewing with appropriate HDMI 2.0 capable displays.

HDR

HDR or High Dynamic Range, provides the ability to display a wider and richer range of colors, much brighter whites, and much deeper, darker blacks than standard signals allow. This gives your imagery a more 'dynamic' look and allows for natural true to life colors to be communicated to your audience.

Hi5-4K Plus provides this support for your 4K/UltraHD/HD HDR pipelines to HDMI compatible displays by generating HDR metadata in accordance with HDMI v2.0a/CTA-861.3.

HD Support

Not every job is a 4K job. When you're not working in 4K, Hi5-4K-Plus can still be a useful tool for converting HD-SDI to HDMI. A single HD-SDI signal coming into the Hi5-4K will be sent out as an HD resolution HDMI signal, much like AJA's Hi5-3G Mini-Converter.

Features

- 4 x 3G-SDI inputs
- Support for 4:2:2/4:4:4 HDMI 2.0 output
- HD conversion supported
- Embedded audio support
- Configure via USB port and supplied MiniConfig software
- Uses 5-20VDC power (DWP-U-R1 universal power supply included)
- 5-year warranty

Universal Power Supply

All AJA Mini-Converters ship with a universal power supply that includes international plug connections for use around the world.

Compact and Portable

AJA Mini-Converters are small enough to fit behind a monitor, in the back of a rack or directly on a camera rig. A locking power connector can't accidentally pull loose and an optional P-TAP power cable allows for battery power in remote locations.

AJA Quality - Guaranteed

All AJA Mini-Converters are covered by a 5 year warranty and AJA's advanced replacement policy. If a replacement is necessary, AJA will ship a new unit immediately without the need to send the original unit back first, ensuring you are up and running again as quickly as possible.

AJA Mini-Matrix

Information on the complete line of AJA Mini-Converters is now available as a mobile app on iOS. The Mini-Converter product line is extensive and this app helps you find the right converter for any situation, wherever you are.

Individual products have links back to the main AJA website for more details and you can email product information directly from the app. The free AJA Mini-Matrix app for iPad® and iPhone® is available now in the Apple iTunes® Store.

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