Press Release

For Immediate Release

AVI’s New Rugged DVI/HDMI to 3-G SDI Scaling Converter

AVI’s scaling DVI/HDMI to SDI converter allows a wide range of input resolutions to be converted to SDI output delivering greater video source utilization

Charlottesville, VA, August 27, 2019 - Applied Video Imaging, a provider of rugged video products for airborne, ground, and marine surveillance missions, introduced its new DVI/HDMI to 3-G SDI scaling converter. This rugged stand-alone unit can convert DVI-D or HDMI video inputs to three channels of 3-G SDI video. Re-clocked outputs provide robust, maximum distance transmission of SDI video. Now all sensors and mission video sources can be used, maximizing the capability of the mission system.

Measuring just 7.17” x 4.65” x 1.69” [182 x 42.8 x 118 mm] and under 1.6 pounds [0.754 kg], AVI’s converter packs a lot of capability into a small and rugged package. This new converter comes in a 1 or 2 channel version. Both SMPTE and VESA input resolutions are supported and the SDI output resolution and frame rate can either be automatic or customer selected.

The C00030X product line provides many benefits including SDI video transmission over 100m. With this converter, cabling infrastructure becomes singular and unified on sensor platforms. Three SDI outputs provide video redundancy or outputs for multiple displays with reduced complexity in wiring.

“AVI’s new DVI/HDMI to SDI scaling converters add to our line of video conversion products providing additional capability for the design and implementation of effective video-based mission systems,” said Bruce Carriker, President and founder of AVI. “Providing additional input resolutions besides SDI standards and being able to set the SDI resolution and frame rate of the converted video has been a common request from our customers. AVI is now able to provide
that capability in a fully DO-160 certified product with even better environmental performance than its predecessor."

Designed and tested to DO-160 standards, AVI’s rugged C00030X product line accepts 9 – 36 volts DC power, operates from -45°C to +70°C, 50,000 ft operating altitude, rotor craft U2 vibration testing, Level M radiated frequency emissions, among many others. The unit is designed for use in airborne, ground, marine, and defense surveillance systems. Based on SMPTE SDI video standards, it can be used with any DVI/HDMI video source and any SDI capable display.

About Applied Video Imaging, LLC - Applied Video Imaging designs and manufactures advanced rugged video processing, distribution, switching, and display products for the airborne, ground, and marine surveillance markets. AVI’s products, services, and solutions optimize surveillance sensor suites, enhancing the platform and operator’s mission effectiveness. For more information, visit https://www.appliedvi.com/ or call 434-974-6310, toll free 855-974-6310.

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