For Immediate Release

AVI Releases New DisplayPort++ to 3-G SDI and NTSC/PAL Converter

AVI's new converter allows all DisplayPort++ input resolutions to be converted to 3-G SDI and scaled NTSC/PAL video

Charlottesville, VA, November 4, 2019 - Applied Video Imaging, a provider of rugged video products for airborne, ground, and marine surveillance mission systems, introduced its new DisplayPort++ to SDI and NTSC/PAL converter. This new product can be a building block in any mission system. Convert any DisplayPort++ video to SDI and NTSC/PAL video with this high-performance, rugged unit.

At just 6.2” x 4.3” x 1.7” [158 x 108 x 42.0 mm] and under 1.44 pounds [0.652 kg], AVI’s C500201-00 DisplayPort++ converter allows the user to convert to SDI and NTSC/PAL video while saving space. The unit is designed for use in airborne, ground, marine, and defense surveillance systems. AVI’s rugged converter is built to last in harsh environments without compromising functionality and reliability.

The converter provides reliable, re-clocked SDI output along with a scaled composite output. This unit can function either in a stand-alone application, or as a functional building block in any Mission system. This processor provides an exceptional increase in situational awareness while reducing wiring weight and complexity. AVI’s new converter allows for an interface between Displayport++ and any SDI or composite based mission system. With this converter, SDI cabling infrastructure becomes singular and unified on sensor platforms. SDI cabling is less susceptible to noise and signal loss compared to Displayport++ format transmission and benefits include SDI video transmission over 100 meters.
“AVI’s rugged Displayport++ converter offers a high-performance solution for converting Displayport++ video to SDI and NTSC/PAL. Now all sensors and mission video sources can be used, maximizing the capability of the mission system.” said Bruce Carriker, President and Founder of AVI.

AVI’s rugged C500201-00 Displayport++ converter operates at 9 to 36 volts DC power. Tested to DO-160 standards, the converter has an operating temperature of -30°C to +65°C, performance up to altitudes of 50,000 ft, rotor craft U2 vibrations, Level M radiated frequency emissions, among many other extreme conditions. The unit will work with any DisplayPort++ source and any SDI or Composite 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 [www.appliedvi.com](http://www.appliedvi.com) or call +1 434-974-6310, toll free +1 855-974-6310.

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