



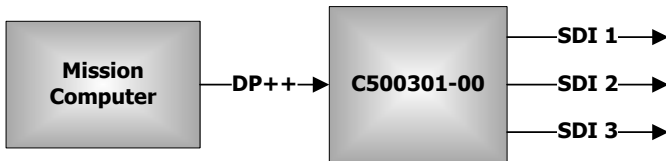
IP68 Rated Displayport++ to SDI Scaling Video Converter

Overview

The AVI IP68 rated Displayport++ to SDI scaling Video Converter is a rugged stand-alone unit that can accept Displayport++ video and scale it to SMPTE 259M, 292M, or 425M SDI video.

Low latency, high performance processing provides SDI encoding to triple multiplexed SDI outputs. Re-clocked outputs provide robust, maximum distance transmission of SDI video. With a high-speed circular connector for DVI/HDMI input, and pressure venting, the C500301-00 is ready for any harsh environment.

Stand-alone or in combination with various AVI system components, AVI's rugged Displayport++ Converter offers a high-performance solution for converting Displayport++ video to SDI. Now all sensors and mission video sources can be used, maximizing the capability of the mission system.



Standard Features

- One Displayport++ input
- Three 3G/HD/SD SDI outputs
- Selectable or Auto SDI output resolution and frame rate
- Tri-color LED indicator for Output Resolution setting
- Inputs auto detected
- SMPTE 259M, 292M, 296M, 425M, ITU-R BT.656 and ITU-R BT.601 compliant
- Simple plug-and-play functionality
- 9 – 36 V DC Power
- MIL-STD 38999 circular power and signal connectors

- -45C° to 70C° operation



- Heat dissipating enclosure
- Three-year warranty
- Front panel USB for setup and programming

Benefits

- Converts video to SDI format for +100m transmission and distribution
- Less susceptible to noise and signal loss compared to Displayport++ format transmission
- Allows single, unified cabling infrastructure on sensor platforms
- Can be used as a “portable device” port for distribution and display of tablets and laptops
- Triple output for each channel – providing redundancy or multiple display output
- Reduction in wiring weight and complexity – low weight coaxial cable can be used

Typical Applications

- Surveillance systems
- Airborne Law Enforcement sensor systems
- Customs and Border Protection sensor systems
- Naval and Coastguard ship's sensor systems
- Ground Vehicle sensor systems

