Infrastructure

12GDA
12G-SDI Distribution Amplifier

12GDA is a miniature 1x6 12G-SDI reclocking distribution amplifier that allows facilities to save on cable runs and install times. With support for 12G-SDI for 4K/UltraHD single link workflows, the format agnostic device features six separately reclocked SDI outputs identical to the recovered input. It also offers automatic input detection, cable equalization and LED signal detection indicator.

Features:

- Compact 12G-SDI distribution
- Six separately reclocked outputs
- Miniature size
- 12G cable equalization (1694 coax)

- 12 Gbps, 70m
- 6 Gbps, 100m
- 3 Gbps, 140m
- 1.5 Gbps, 200m
- 270 Mbps, 300m

- 12G/6G/3G/HD/SD-SDI input, auto sensing
- Passes all ancillary data
- DWP-U-R1 power supply included
- Five year warranty

12GM
12GM 12G-SDI to/from SDI Muxer/Demuxer

12GM is a compact SDI transport converter that enables 12G-SDI to Quad link 3G-SDI and Quad link 3G-SDI to 12G-SDI conversion. The Muxer/Demuxer supports 4K, UltraHD, 2K, HD and SD workflows and conversions from quad link SDI signals to single link SDI signals, and vice versa at 12G, 6G, 3G and 1.5G bit rates. Both Square Division (Quadrant) and Two Sample Interleave (2SI) Input and Output formats are supported.

Features:

- Compact 12G-SDI to/from quad-link 3G-SDI conversion and 6G-SDI to/from quad-link 1.5G-SDI
- SMPTE 2082 inputs and outputs configurable to SMPTE 425 inputs and outputs

- Two Sample Interleave (2SI) to Square Division (Quadrant) pixel mapping
- Square Division (Quadrant) to Two Sample Interleave (2SI) pixel mapping
- Input signal diagnostics

- Input timing analyzer for quad-link signals
- Configurable as a 1x4 Distribution Amplifier for 12G, 6G, 3G and 1.5G bit rates
- Automatic equalizing and reclocking with jitter attenuation

- DWP-U-R1 power supply included
- Five year warranty