12G-SDI 1x8 Splitter, 4K60
500728

Overview:

The 12G-SDI 1x8 Splitter, 4K/60 (500728) allows one (1) 12G/6G/3G/HD/SD-SDI source to be distributed and amplified to up to eight (8) 12G/6G/3G/HD/SD-SDI displays. The splitter supports up to 4K (3840 X 2160) video and HD audio, including 480i (SD-SDI), 720p/1080i (HD-SDI), 1080p (3G-SDI), 4K/30 (6G-SDI) and 4K/60 (12G-SDI). The device automatically detects the 12G/6G/3G/HD/SD-SDI signal and re-clocks and regenerates the signal at the output for extending distances between source and displays.

Applications:

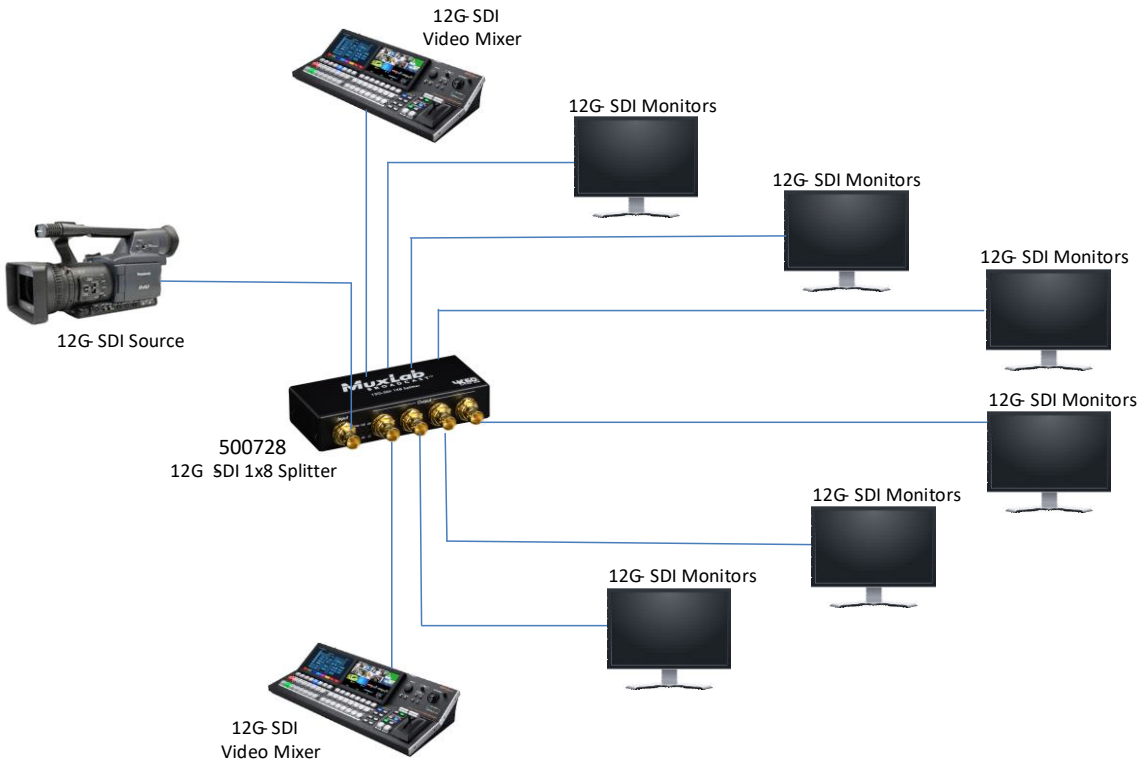
- Video production
- Post production
- Broadcasting
- Studio to Studio
- Live event
- Mobile video
- Medical imaging display

Key Features:

- Distribute one 12G-SDI source to eight displays
- Supports up to 4K @ 60Hz, including 12G/6G/3G/HD/SD-SDI
- Automatically detects re-clocks and regenerates the 12G/6G/3G/HD/SD-SDI signal
- LED diagnostic

Environment	12G-SDI, 6G-SDI, 3G-SDI, HD-SDI & SD-SDI.
Devices	Camera, projectors, monitors, TV.
Transmission	Transparent to the user.
Detection	Auto Detection of the 12G/6G/3G/HD/SD-SDI Signal.
Bandwidth	11.88bps & 11.88/1.001Gbps
Data Rates	1.485, 2.97, 5.96 & 11.88 Gbps
Output Impedance	75Ω
Signals	SDI protocol.
Supported Resolution	12G-SDI: 2160p50/59.94/60Hz (4:2:2) 6G-SDI: 2160p23.98/24/25/29.97/30Hz (4:2:2) 3G-SDI: 1080p50/59.94/60Hz (4:2:2) HD-SDI: 1080p/23.98/24/25/29.97/30Hz 720p/50/59.94/60Hz 1080i/50/59.94/60Hz SD-SDI: NTSC (59.94Hz), PAL (50Hz)
Audio	Up to 8 Audio Channels.
Ancillary Data	Supported
Input Signal	12G-SDI : SMPTE ST2082 6G-SDI : SMPTE ST2081 3G-SDI: SMPTE 424M, 425M HD-SDI: SMPTE 292M, 296M SD-SDI : SMPTE 259M, 344M
Connectors	One (1) BNC Female 75 Ohms, Gold Plated for input. Eight (8) BNC Female 75 Ohms, Gold Plated for outputs. One (1) Locking Barrel Jack 2.1mm Power Connector. *Note: RG59 coaxial cables not included.*
Cable Equalization	12G-SDI up to 230ft (70m) 6G-SDI up to 330ft (100m) 3G-SDI up to 594ft (180m)
Cable	RG-59 or better cable required.
Power Supply	One (1) 110-240V/5VDC power supply with interchangeable blades.
Power Consumption	4.5 Watt (Max)
Temperature	Operating: 0° to 40°C Storage: -20° to 60°C Humidity: Up to 90% non-condensing
Enclosure	Metal
Dimensions	4.80" x 2.04" x 0.98" (122mm x 52mm x 25mm)
Weight	1.07lbs (0.49kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500728 12G-SDI 1x8 Splitter, 4K/60 (UPC: 627699007280)

Typical Application



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