

Overview:

The 3G-SDI 1x4 Splitter (500719) allows one (1) 3G/HD/SD-SDI source to be distributed and amplified to up to four (4) 3G/HD/SD-SDI displays. The splitter supports up to 1080p video, including 480i (SD-SDI), 720p/1080i (HD-SDI), and 1080p (3G-SDI). The device automatically detects the 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

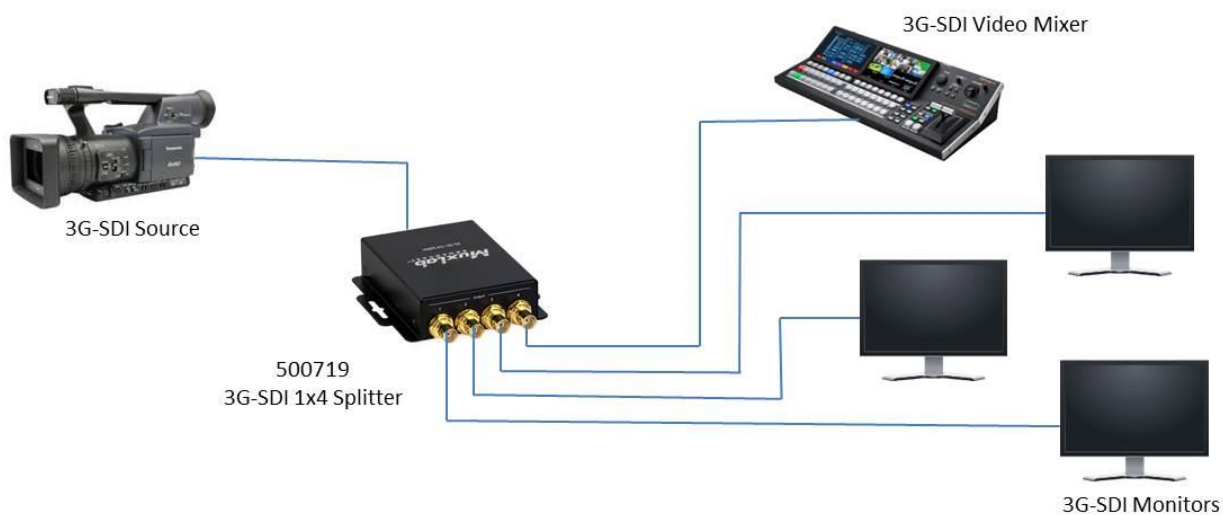


Key Features:

- Distribute one 3G-SDI source to four displays
- Supports up to 1080p @ 60Hz, including 3G/HD/SD-SDI
- Automatically detects re-clocks and regenerates the 3G/HD/SD-SDI signal
- LED diagnostic

Specifications	
Environment	3G-SDI, HD-SDI & SD-SDI.
Devices	Camera, projectors, monitors, TV.
Transmission	Transparent to the user.
Detection	Auto Detection of the 3G/HD/SD-SDI Signal.
Bandwidth	2.97Gbps & 2.97/1.001Gbps
Data Rates	270,1483 and 1485Mbps
Output Impedance	75Ω
Signals	SDI protocol.
Supported Resolution	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	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. four (4) BNC Female 75 Ohms, Gold Plated for outputs. One (1) Locking Barrel Jack 2.1mm Power Connector. <i>Note: RG59 coaxial cables not included.</i>
Cable Equalization	3G-SDI up to 300ft (90m) HD-SDI up to 500ft (150m) SD-SDI up to 1000ft (300m)
Cable	RG-59 or better cable required.
Power Supply	One (1) 110-240V/5VDC power supply with interchangeable blades.
Power Consumption	10.0 Watt (Max)
Temperature	Operating: 0° to 40°C Storage: -20° to 60°C Humidity: Up to 90% non-condensing
Enclosure	Metal
Dimensions	4.1" x 3.1" x 1.1" (105mm x 78mm x 27mm)
Weight	0.7lbs (0.32kg)
Compliance	Regulatory: FCC, CE, RoHS Flammability: 94V0
Warranty	2 years
Order Information	500719 3G-SDI 1x4 Splitter (UPC: 627699007198)

Typical Application



One 3G-SDI source may be connected to up to Four (4) 3G-SDI destination devices



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