



3G-SDI to HDMI & LongReach 3G-SDI to HDMI Extender Kit 500715, 500716

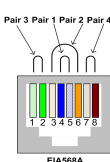
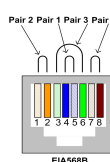
Overview

The 3G-SDI & LongReach 3G-SDI to HDMI Extender Kit converts HD-SDI to HDMI and then transmits it up to 330 ft (100m) via Cat5e cable at all resolutions in a point-to-point configuration. The 500715 allows a more cost-efficient HDMI display to be used instead of a more costly HD-SDI monitor in video production applications. Furthermore the 500715 eliminates the need for a separate HD-SDI-to-HDMI converter and HDMI extender thereby minimising the number of points of failure and providing a total end-to-end solution.



Key Features

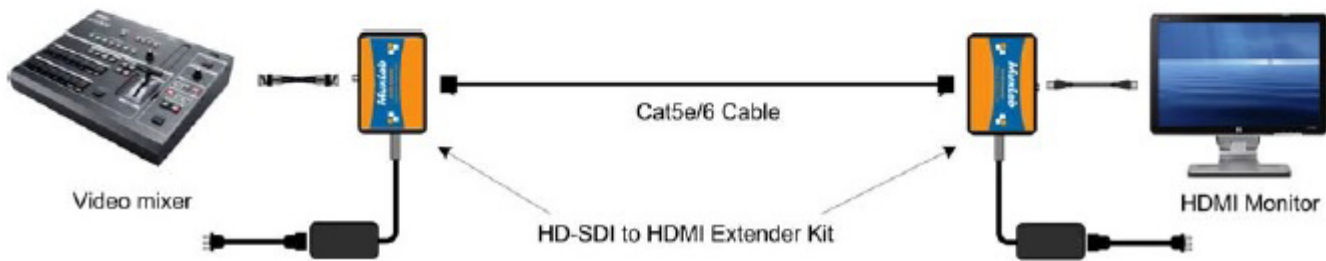
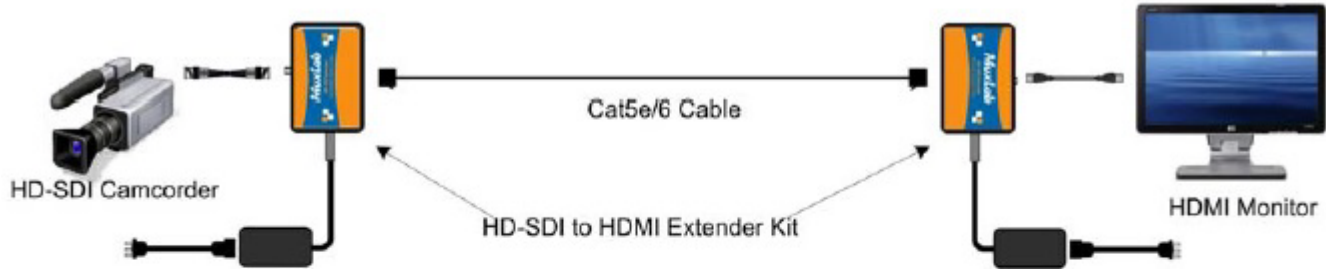
- Up to 330 / 500 ft via Cat5e cable
- Up to 400 / 500 ft via Cat6 cable
- Supports cost-efficient HDMI displays versus more costly HD-SDI monitors
- Supports SDI-SMPTE 259M-C (270Mbps) HD-SDI-SMPTE 292M (1.485, 1.485/1.001 Gbps) HD-SDI-SMPTE 424M/425M (2.97/3.0 Gbps)
- LED diagnostics: sync, SDI detect

Environment	SDI single link: SD, HD & 3G.
Devices	Monitors supporting the original SDI rate only .
Standard supported	SMPTE 259M (270Mb/s), SMPTE 292M & SMPTE 424M.
Bit rates	270Mb/s, 1.485Gb/s & 2.97 Gb/s (automatic selection).
Video format supported <i>(monitor must support the original SDI rate)</i>	SD: 525i, 59.94/60Hz & 625i, 50Hz HD: 720p @ 60Hz, 50Hz, 30Hz, 25Hz & 24Hz 1080i @ 60Hz & 50Hz 1080p @ 30Hz, 25Hz & 24Hz 3G: 1080p @ 60Hz & 50Hz
Sound format supported	48kHz @ 24 bit, 20 bit & 16 bit.
Indicators	Power SDI Sync (on rx side only) RJ45 Sync Video (on tx side only) Sound (on tx side only) HDMI Sync (on rx side only)
Connectors <i>On each unit</i>	One BNC 75 ohm female on source side. One HDMI on receiver on receiver side One RJ45S for Cat5e/6 unshielded twisted pair. One power connector, 2mm.
Maximum Distance	UTP Cat 5e: 330 ft (100 m) UTP Cat 6: 400 ft (122 m) for 500715 UTP Cat 5e: 500 ft (150 m) UTP Cat 6: 500 ft (150 m) for 500716 Maximum distance applies for all format and speed between boxes. On SDI side: 450 ft (140m). On HDMI side: 15 ft (5 m) typical.
RJ45 Pin Configuration <i>Use EIA/TIA 568A or 568B straight-through wiring only.</i>	RJ45 Link Pin 1 (R) Pin 2 (T) Pin 3 (R) Pin 6 (T) Pin 4 (R) Pin 5 (T) Pin 7 (R) Pin 8 (T) <div style="display: flex; justify-content: space-around; align-items: center; margin-top: 10px;">   </div>
Cables <i>(Not included)</i>	One straight Cat 5e/6 twisted pair cables required. One 75 ohm coaxial cables with 75 ohm BNC required. One HDMI cable.
Power Supply <i>(Included)</i>	Two 100-240V/5VDC 6W power supplies with interchangeable blades for NA, Europe and UK.
Power Consumption	Transmitter: 4 Watts Receiver: 6 Watts
Temperature	Operating: 0° to 40°C Storage: -20° to 85°C Humidity: Up to 95% non-condensing
Enclosure	6061 Aluminum alloy
Dimensions	4.50" x 3.00" x 1.25" (11.4 x 7.6 x 3.2 cm)
Weight	2.5 lb. (1.1 kg)
Warranty	2 years
Order Information	500715 HD-SDI to HDMI Extender Kit 500716 LongReach HD-SDI to HDMI Extender Kit



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Typical Application



Rear panel

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