

## 12G-SDI & GIGABIT FIBEROPTIC EXTENDER

The USGXT<sup>2</sup> SDI extender is a rugged, tour grade fiber optic extender for transmitting 12G-SDI signals up to 4K @ 60Hz and Gigabit Ethernet (1000Base-T).



### Features

- Ruggedized touring quality 12G-SDI extender over optical fiber
- UHD 4K60 according to SMPTE ST 2082
- Multirate SDI (SD, 1,5G-SDI, 3G-SDI, 6G-SDI, 12G-SDI)
- Loop out on Transmitter
- Dual output on Receiver
- Gigabit Ethernet
- Available with opticalCON DUO (LC compatible), opticalCON QUAD and FiberFox
- Singlemode (10km)
- Multi colored signal status LED
- Threaded hole for clamp stand or truss mounting



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## Technical Specifications

<b>Video Signal</b>	SD, 1,5G-SDI, 3G-SDI, 6G-SDI, 12G-SDI
<b>Optical Connection</b>	Neutrik opticalCON DUO (LC compatible) or opticalCON QUAD or FiberFox
<b>Max. Resolution</b>	4K UHD (2160p@60Hz)
<b>SDI Color Space</b>	YUV, RGB
<b>Video Bandwidth</b>	12 Gbps
<b>SDI EQ and Re-Clocking</b>	Yes, SDI input and output support up to 30m for 12G-SDI
<b>SDI Compliance</b>	SMPTE ST-2081, SMPTE ST-2082, SMPTE 259M, SMPTE 292M, SMPTE 296M, SMPTE 424M-B, ITU-R BT.656, ITU-R BT.601, SMPTE 274M, SMPTE 425M
<b>Optical Fiber Compliance</b>	SMPTE 297M
<b>Max. Transmission Distance</b>	10km (Singlemode fiber) - 500m for Gigabit
<b>Enclosure</b>	Lightweight extruded aluminum housing
<b>Dimension</b>	TX and RX unit (L x H x W): 200mm x 61mm x 151mm
<b>Weight</b>	1,1kg per unit (2,2kg total)
<b>Device I/O</b>	Video: TX: 1x 75Ω BNC SDI Input + Loop Output RX: 2x 75Ω BNC SDI Output Optical: 1x Neutrik opticalCON DUO/QUAD/FiberFox Network: 1x Neutrik etherCON CAT5E female Power: 1x Neutrik powerCON TRUE1 TOP
<b>Operating temperature</b>	0°C to 60°C
<b>Storing temperature</b>	-10°C to 70°C
<b>Power Consumption</b>	4,5W
<b>Power Rating</b>	100-240V AC
<b>Miscellaneous</b>	Threaded hole for truss or stand mounting 5-color status LED Anti-slip corners

## Set includes

- 1 USGXT<sup>2</sup> Transmitter (TX)
- 1 USGXT<sup>2</sup> Receiver (RX)
- 2 Power cables with Neutrik powerCON TRUE1 TOP Female <-> CEE 7/7 Plug (2m)

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