

# Single-Mode LC fiber to 12G-SDI Receiver

Ref. EXT-12G-OPT-RX



High performance 12G/6G/3G/HD/SD-SDI optical receiver allowing the transport of 4K60 4:2:2 10-bit signals over distances up to 20km using a single-mode fiber optic cable



- LC single-mode input
- 12G-SDI BNC output
- 4K60 4:2:2 10-bit
- up to 20 kms (12.4 mi)

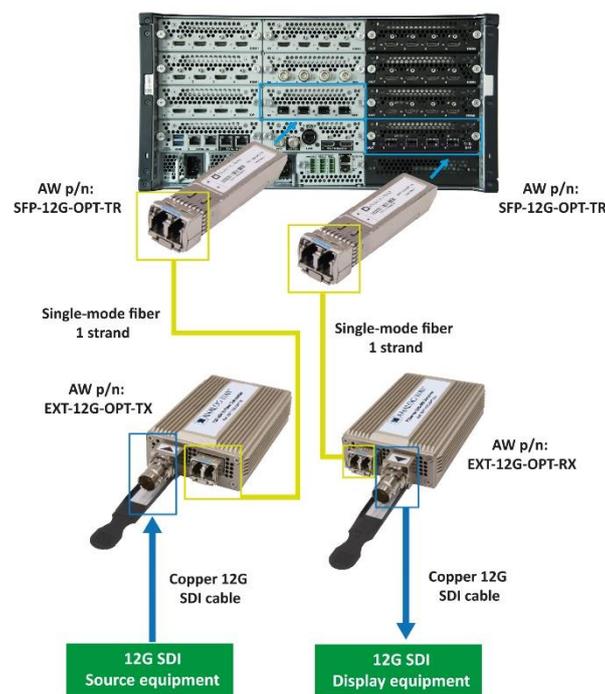
## Overview

The EXT-12G-OPT-TX is a high performance 1-channel 12G/6G/3G/HD/SD-SDI optical receiver. It allows the transport of signal up to 4K60 4:2:2 10-bit over distances up to 20km using a single-mode fiber optic cable. The EXT-12G-OPT-TX comes with a compact, low profile enclosure, ideal for tight spaces behind equipment racks and on camera rig.

## Key features

- ▶ 1x 4K60 input
  - ⇒ 12G-SDI single-mode LC fiber input (ref. SFP-12G-OPT-TR SFP+ module)
- ▶ 1x 4K60 output
  - ⇒ 12G-SDI full size output BNC connector (ref. SFP-12G-SDI-TX SFP+ module)
- ▶ Single-mode fiber: distance up to 20 kms (12.43 miles)
- ▶ Supports signals up to 4K60 10-bit 4:2:2
- ▶ Compatible with SD-SDI, HD-SDI, 3G-SDI (Level A & B), 6G-SDI and 12G-SDI
- ▶ Support video pathological test pattern up to 12G-SDI
- ▶ Compliant with HDR
- ▶ Supports up to 8 embedded audio channels (PCM)
- ▶ External power supply included

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| <b>Dimensions</b> <ul style="list-style-type: none"><li>▶ W 1.77" x H 1.02" x D 2.95"</li><li>▶ L 45 mm x H 26 mm x P 75 mm</li></ul>                             | <b>Warranty</b> <ul style="list-style-type: none"><li>▶ 1-year warranty on parts and labor back to factory</li><li>▶ Broken connectors are not covered by warranty</li></ul> |
| <b>Weight without accessories</b> <ul style="list-style-type: none"><li>▶ 0.031 kg / 0.06 lbs</li></ul>   | <b>Power supply</b> <ul style="list-style-type: none"><li>▶ External power supply provided</li><li>▶ 100-240 VAC, 3A 50/60Hz</li><li>▶ Max consumption: 6W</li></ul>         |
| <b>Shipping information</b> <ul style="list-style-type: none"><li>▶ shipped in a dedicated box</li></ul>  | <b>Safety Compliance</b> <ul style="list-style-type: none"><li>▶ Lead-free</li><li>▶ REACH and RoHS compliant</li><li>▶ Laser class 1</li></ul>                              |
| <b>Operating conditions</b> <ul style="list-style-type: none"><li>▶ Temperature: 0 to 45°C (32 to 113°F)</li><li>▶ Humidity: 10% to 80%, non-condensing</li></ul> |  |



Specifications subject to change without prior notice

EXT-12G-OPT-RX-EN-10/30/2020