

QUICK START GUIDE

12G-SDI Optical Extender

Ref. EXT-12G-SDI-OPT



ANALOG WAY®
Pioneer in Analog, Leader in Digital

Thank you for choosing Analog Way **12G-SDI Optical Extender**. By following these simple steps, you will be able to set up and use your extender within minutes.

WHAT'S IN THE BOX

- 1x EXT-12G-SDI-OPT Transmitter*
- 1x EXT-12G-SDI-OPT Receiver*
- 2x +5V DC Power supply

**Transmitter and receiver modules are equipped with optical single-mode SFP modules*



OVERVIEW

The **EXT-12G-SDI-OPT** is a high-performance optical extender kit designed to transmit in real-time, 12G-SDI signals over distances of up to 5 km (3.1 mi) via a single-channel, single-mode fiber-optic cable with LC connectors. Its compact design supports 4K UHD video (3840 × 2160) at 60 Hz and is compatible with pathological test patterns for SD, HD, 3G, 6G, and 12G-SDI signals.

SAFETY INSTRUCTIONS

Read and follow all instructions before installing or operating the equipment.

- **CLASS 1 LASER PRODUCT.** This product uses an optical laser source. Do not stare directly into the optical port or exposed fiber end while the unit is powered.

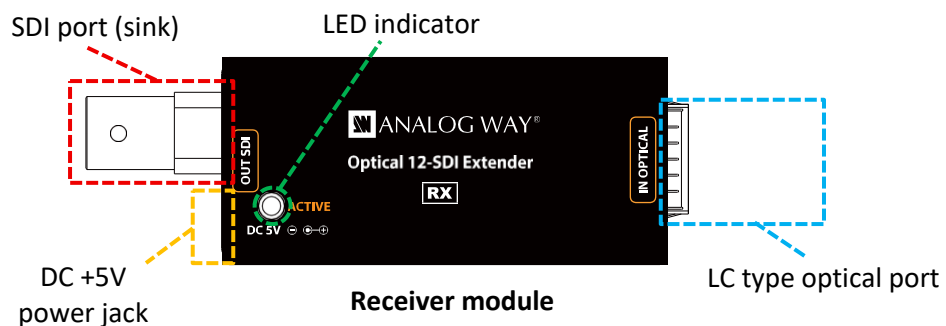
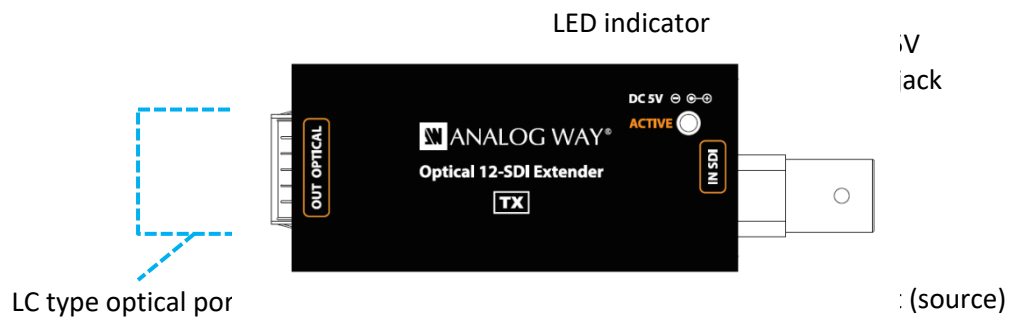
CLASS 1 LASER PRODUCT
CONSUMER LASER PRODUCT
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- Use only the specified power supply and disconnect power before installing, connecting, or servicing the equipment.
- Do not open, modify, or disassemble the transmitter or receiver. Refer servicing to personnel.
- Keep the equipment away from water, excessive moisture, heat sources, and environmental conditions outside the specified operating conditions.
- Handle the optical fiber carefully. Do not excessively bend, twist, pull, or crush the cable, and keep fiber connectors clean and protected when disconnected.
- Connect the TX unit to the SDI source and the RX unit to the SDI sink. Do not force connectors into incompatible ports.
- Disconnect the equipment immediately if the enclosure, power supply, optical connector, or cable becomes damaged.



INSTALLATION

1. Connect the Transmitter module to the SDI source device.
2. Connect the Receiver module to the SDI sink device.
3. Connect a single strand of single-mode LC terminated fiber optic cable (9/125 μ m) from the Transmitter to the Receiver module.
4. Connect the included +5V DC power supply into Transmitter and Receiver module.
5. Orange Active LED indicator on the modules will be light up after all connections are completed.



WARRANTY AND SERVICE

This **Analog Way** product has a 1-year warranty on parts and labor (back to factory). Broken connectors are not covered by warranty. This warranty does not include faults resulting from user negligence, special modifications, electrical surges, abuse (drop/crush), and/or other unusual damage. In the unlikely event of a malfunction, please contact your local **Analog Way** office for service.

FURTHER INFORMATION

Please visit our website for further information: www.analogway.com.

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