

QUICK START GUIDE

DisplayPort 2.1 Optical Extender

Ref. EXT-DP21-OPT



ANALOG WAY®
Pioneer in Analog. Leader in Digital

Thank you for choosing Analog Way **DisplayPort 2.1 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-DP21-OPT Transmitter
- 1x EXT-DP21-OPT Receiver
- 2x +5V DC Power supply
- 2x DisplayPort 2.1 short copper cable
- 1x Quick start guide*

**Quick start guide is also available on www.analogway.com*



OVERVIEW

The **EXT-DP21-OPT** is a high-performance DisplayPort 2.1 UHBR10 optical extender kit designed for long-distance transmission of high-resolution video and embedded audio. Supporting up to 40 Gbps bandwidth, it extends DisplayPort signals up to 200 m (655 ft.) over a single OM4 multimode SC fiber. It supports video formats including 4K@240 Hz, 5K@60 Hz, and up to 8K@60 Hz with DSC enabled.

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
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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 qualified personnel.
- Keep the equipment away from water, excessive moisture, heat sources, and environments 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 DisplayPort source and the RX unit to the display. 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 DisplayPort source device using the DisplayPort 2.1 short copper cable (included).
2. Connect the Receiver module to the display using the DisplayPort 2.1 short copper cable (included).
3. Connect a single strand of OM4 multi-mode SC terminated fiber optic cable from the Transmitter to the Receiver module.
4. Connect the included +5V DC power supply into Transmitter and Receiver module.
5. Active LED indicator on the modules will be light up after all connections are completed.

Important: To ensure proper functionality, always use the included DisplayPort 2.1 copper cables. Using other cables may cause the product may malfunction.



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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