

## DP 1.4 Single Optical Fiber Extender (LC Single-mode) with 10/100M Ethernet



### OV11DP-1FO-14T

#### Features

- CWDM Single Fiber Technology.
- 1270/1290/1310/1330/1490/1550nm DFB lasers inside.
- Compliant with DP1.2 and DP1.4.
- AUX signal Transparent pass-through.
- Extension distance up to 1000 meters.
- Transmit signal over one Single-mode LC Fiber.
- Uncompressed video up to 32.4Gb/s data rate.
- Maximum resolution up to 8k@30Hz.
- Bi-directional RS-232 and IR extension.
- Zero frame delay.
- HDR and Dolby Vision support.
- 2x RJ45 10/100M Ethernet.

#### Specification

|                       | Transmitter  | Receiver               |
|-----------------------|--|------------------------|
| DP compliance         | DP1.4/DP1.2  |                        |
| Video Bandwidth       | 32.4Gbps   |                        |
| Distance              | Single-mode fiber: 1000M   |                        |
| Supporting Resolution | 8K@30HZ<br>4K@120HZ  |                        |
| Connector/Fiber       | DP(female)/ LC   |                        |
| CWDM filter           | Integrated 1270nm/1290nm/1310nm /1330nm/1490nm/1550nm filter                     |                        |
| Power Supply          | 12V/2A   |                        |
| Power Consumption     | 3W   | 3W                     |
| Color                 | Black  | Black                  |
| Dimension(LxWxH)      | Model: 190x100x26 (mm)   | Model: 190x100x26 (mm) |
|                       | Package: (mm)  |                        |
| Weight                | Model: 550 g   | Model: 550g            |
|                       | Package: 1500 g  |                        |
| Environment           | Operating Temperature Range: -10°C~60°C<br>Storage Temperature Range: -40°C~85°C |                        |
| Relative Humidity     | 5-95% RH (no condensation)   |                        |

#### Optical

- Optical source: CWDM DFB laser
- Fiber: 1 core LC, Single mode
- Distance: 1000M

#### Package

- TX x 1
- RX x 1
- 12V/2A power adapter x 2
- IR receiver cable x 1
- IR emitter cable x 1
- Phoenix terminal(male) x 2