

## DP 1.4 Full 8K Single Optical Fiber Extender (LC Single-mode)



### OV11DP-1FO-014

The OV11DD-1FO- is an uncompressed full 8k UHD video fiber extender pair, which resolution is up to 8k@ 30Hz 4:4:4 . The extender can transmit the DP1.4 signal with 32.4Gb/s over one Single-mode fiber, and the distance can reach up to 1000m.

It uses CWDM technology which contains 6 different wavelength lasers to transmit DP1.4 and AUX signal.

#### 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.

#### Optical

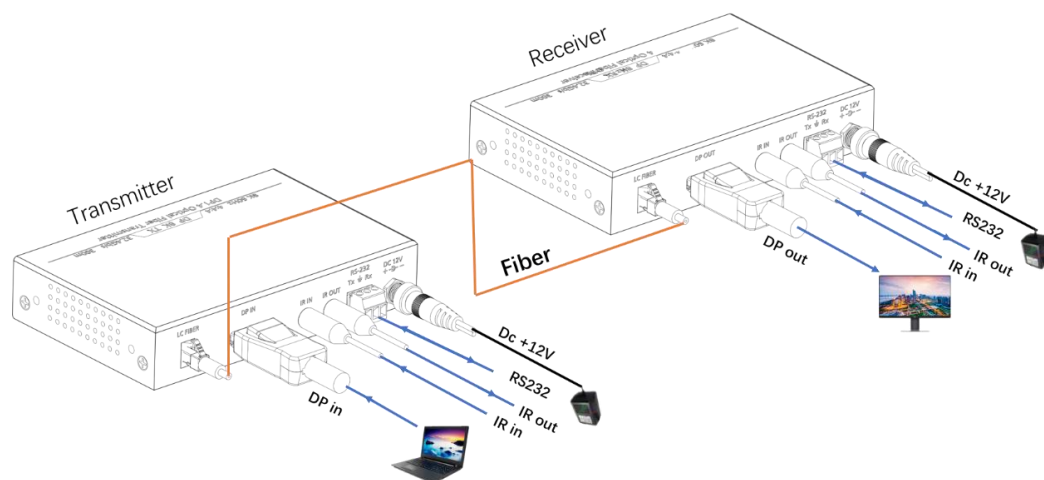
- Optical source: CWDM DFB laser
- Fiber: 1 core LC, Single mode
- Distance: 1000M

#### 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



## Application



## Specification

	Transmitter	Receiver
DP compliance	DP1.4/DP1.2	
Video Bandwidth	32.4Gbps	
Distance	Single-mode fiber: 1000M	
Supporting Resolution	8K@30HZ 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: 160x85x26 (mm)	Model: 160x85x26 (mm)
	Package: (mm)	
Weight	Model:500 g	Model: 500g
	Package: 1500 g	
Environment	Operating Temperature Range: -10°C~60°C Storage Temperature Range: -40°C~85°C	
Relative Humidity	5-95% RH (no condensation)	