

## 1xLC Detachable DVI Fiber Extender(Single mode)-4Kx2K@30HZ



### OV11DVI-1FO-S

The OV11DVI-1FO-S DVI fiber extender support resolution up to 1920\*1200/60Hz for Single Link DVI signal, It also support HDMI signal with HDMI to DVI cable, and the HDMI resolution is up to 3840\*2160/30HZ(YUV 4:4:4), and 3840\*2160/60Hz (YUV 4:2:0). At such data bandwidth, this module can extend up to 300 meters over MMF or 2km over SMF, which is much over the limits of copper wire extension, without any distribution amplifier or repeater.

#### Features

- Support DVI resolution up to 1920\*1200/60HZ(YUV 4:4:4).
- Support HDMI resolution up to 3840\*2160/30HZ(YUV 4:4:4), and 3840\*2160/60Hz (YUV 4:2:0) with HDMI to DVI cable.
- No DDC and HDCP.
- Distance is up to 300 meters over OM3 MMF, or 2km over SMF.
- EDID study from the display.
- Detachable feature with 1x LC multi-mode fibers.

#### Specification

Video Bandwidth	10.2Gbps
Case	Metal
Color	Black
Distance	SMF-2KM/MMF-300M
Connector/Fiber	1+18 pins DVI-D/LC
Resolution	HDMI: 4Kx2K/30HZ YUV444 4Kx2K/60HZ YUV420 DVI: 1920x1200/60HZ
Laser Type	1310nm laser
Power Supply	5V 1A
Power Consumption	1.4W
Dimension(LxWxH)	TX:69.5X39X12.4mm RX:69.5X39X12.4mm
Environment	Operating Temperature : -40°C~85°C

#### Optical

- Optical source: 1310nm laser
- Fiber: 1xLC MM or SM fiber
- Distance:  
OM3 MMF:300M SMF:2KM

#### Package

- Transmitter x 1
- Receiver x 1
- DC 5V/1A x 2

#### Application

