

DVI Fiber Optic Extender

Uncompressed DVI with Rs232 Data, 4K@30Hz



System Design

DVI Fiber Optic Extender

VOS-1DVI-DT/R-can transmit your DVI signal up to 10km over single-mode fiber, or up to 300 m over multi-mode fiber. requires no adjustments, equalization or de-skewing during installation. plug and play connection between Apple TV 4K, Fire TV Stick 4K, nVidia Shield TV, game console, or other professional video.



Audio



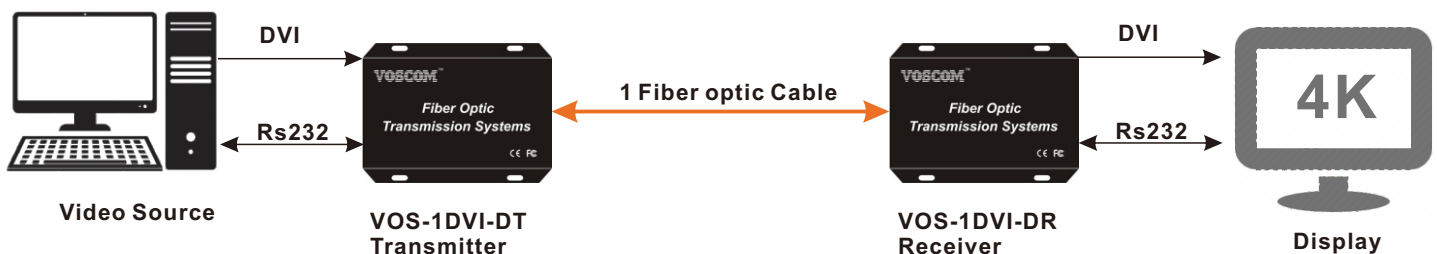
The fiber extender supports resolution up to 4K 30Hz (4:4:4), Backward compatible. EDID is managed by maintaining continuous EDID communication with the source, ensuring that it powers up properly and maintains video output. the VOS-1DVI-DT/R desinged to solve the installers common problems with long distance DVI transmission.

Ethernet

Features

- Support uncompressed DVI signal over Fiber
- Support Max Resolution 4K 30Hz (4:4:4), Backward compatible
- Built-in EDID, automatically matching signal source and display device
- Support 1-channel duplex Rs232 data for control
- Support Sing-mode 10km or Multi-mode 300m
- LED Status Provide Rapid Indication of Operating Parameters
- Stand-alone or Rack-mount
- Plug and play

Typical Configuration



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Ordering Information

Part Number	Description
VOS-1DVI-DT/R	1-Channel uncompressed DVI + 1 Duplex Rs232 Data, Trasnmitter & Receiver 4K@30Hz 4096×2160, 3840x2160 (4:4:4 / 4:2:2 / 4:2:0), 1080p

Specification

• DVI	• Optical
Number of Channels: 1-Channel DVI DVI Connector: DVI-D Female Data Rate: 10.2Gbps Max Resolution: 4K 30Hz 4:4:4 (Backward compatible)	Connector: LC (SFP) Fiber Type: Single-mode 10km, Multi-mode 300m Tx Output Power: >-3dB Receiver Sensitivity: >-10dB
• Data	• Electrical & Mechanical
Number of Channels: 1-Ch Duplex Rs232 Data Connector: 3-pin Terminal Block Data Formats: Rs232 Data Data Rate: DC to 115.2Kbps Bit Error Rate: < 10E-9	Input Power Requirements: DC12V1A Power Adapter: AC 100V~240V Power Connector: DC Power Connector Power Consumption: <3W Dimensions: 104mm x 103mm x 28mm Shipping Weight: 1.0kg
	• Environmental
	Operating Temperature: -20°C ~ +70°C Storage Temperature: -40°C ~ +85°C Relative Humidity: 0%~95% (non-condensing) MTBF: >100,000 hours