



Optical DVI 1-CH Bi-Directional Extender



DSP

Ophit's DSP is a single-channel DVI extender that connects a computer to a display. It extends TMDS and bi-directional EDID up to 300 meters (984 feet) over multimode fiber optic cables. The DSP may also be used with standard HDMI devices using a DVI-to-HDMI adapter (sold separately).

Feature Highlights

- High speed and long-distance transmission using 1-CH SC multimode fiber
- Supports up to HDTV 1080p (1920 x 1080) and WUXGA (1920 x 1200) for PC
- HDCP compliant
- EMI & Safety: CE, UL, FCC

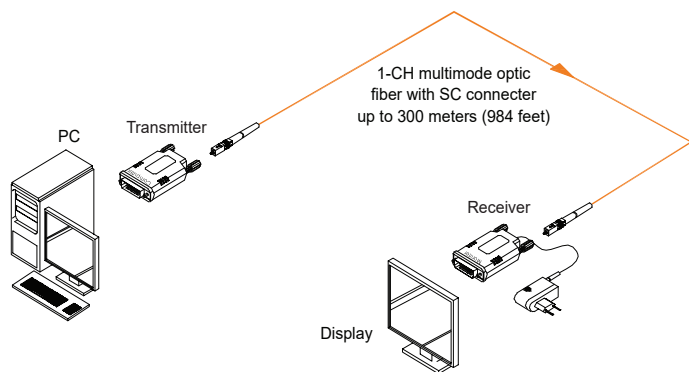
Optical

- Optical Source: 850nm VCSEL
- O/E Converter: PIN Photo Diode
- Optical Fiber Mode: Multimode optical fiber with SC connector

Specifications

	Transmitter	Receiver
Connector	DVI-D (Male) / SC (Female)	
Optical Fiber	1-CH Multimode	
Supporting Resolution	WUXGA (1920 x 1200) @60Hz / 1080p (1920 x 1080) @60Hz	
Power Consumption	1.3W (Max)	1.1W (Max)
Power Supply	Optional	100 - 200V DC 5V 2A
Dimensions	40W x 60D x 14H (mm) / 1.6W x 2.4D x 0.6H (inches)	
Environment	Operating Temperature Range: 0°C ~ 50°C (32°F ~ 122°F) Storage Temperature Range: -20°C ~ 70°C (-4°F ~ 158°F)	

Connection Diagram



Package

- Transmitter, Receiver, Power Adapter, User's Manual
- See below for ordering configuration

Ordering Information

DSP-x

- DSP-M: Tx, Rx, (1) power adapter, user's manual
- DSP-Tx: Transmitter only
- DSP-Rx: Receiver and power adapter



Typical Applications

- Digital Signage / Video Wall / Media Broadcasting / Video Conferencing / Large Venue Auditoriums / Control Rooms / Medical Video Integration (Operating Room)



LINK: **DSP**
PRODUCT PAGE