

# Optical DVI 1Ch Bi-directional Extender



## DVI-1STRBI

DVI-1STRBI, optical DVI extension module, is designed to let digital flat panel display extend over 300meters(1,000feet) away from host based on DVI standard by optical transmission technology.

It can transmit EDID data and HDCP over fiber in real time. DVI-1STRBI can be used with DVI device as well as HDMI standard device such as Blu-ray player, PS-3.

### Feature

- High speed and long distance transmission by 1 channel SC type multi-mode optical fiber
- Supports resolution up to HDTV / 1080P, PC / WUXGA(1920 x 1200)
- TMDS video signal and EDID data is transmitted over optical fiber
- Uses slim and light Aluminum case
- EMC & Safety: CE, FCC

### Specification

	Transmitter	Receiver
Connector	DVI 24Pin (Male) SC connector (Female)	
Optical fiber	1ch / Multi-mode	
Video Bandwidth	3.5Gbps (Single link)	
Supporting Resolution & Distance	-WUXGA(1920 x 1200) / 300M(1,000ft) -1080p(1920 x 1080) / 300M(1,000ft)	
Power Consumption	1.3W(Max)	1.1(Max)
Power Supply	Optional	100~240V DC 5V,2A
Dimension	40W x 60D x 14H(mm)	
Environment	- Operating Temperature Range : 0C ~ 50C - Storage Temperature Range: -20C ~ 70C	

### Optical

- Optical Source: 850nm VCSEL
- O/E Converter: PIN Photo Diode
- Using Fiber: Multi-mode optical fiber (SC Type Connector)

### Package

- Transmitter, Receiver
- 1 Power Adapter (for Receiver)
- User's manual

### Application

