TriF-eX Fiber Transmitter

▶ Product Description

TriF-eX series fiber optic transmitter is a high-performance signal extender newly developed by Tricolor Technology. It is designed to overcome the transmission distance limitations of traditional copper DVI cable. LC fiber is used to transmit RGB and data clock signals at high resolutions. In the case of 2560×1440@60Hz, the single-mode fiber can be extended to reach a distance of 20 kilometers and the multimode fiber can be extended to reach a distance of 300M.

This product has EDID reading and writing functionality, which can read and write the EDID storage content on the display from the DVI transmitting Model. This is so it can adapt to different resolution display systems while being more convenient and reliable.

TriF-eX-1s

▶ Features

- Single mode fiber transmission distance of 20 kilometers, multimode fiber transmission distance of 300M
- Supports 2560x1400 @ 60Hz resolution and is backward compatible
- Support input channel EDID update configuration
- Support automatic protection of power-off equipment
- Support hot swap
- High transfer rate: 10.2Gb / s
- Led status Indicator: convenient for connection check and error disagnose

▶ Product Model

Model	Name
TriF-eX-4MT	TriFeX-4M fibe optic transmitter sender
TriF-eX-4MR	TriFeX-4M fibe optic transmitter sender

▶ Specifications

Video Input	Interface Type	DVI signal	
	Signal Format	DVI-D 18+1 needle	
	Input Resolution	2560X1440@60Hz, and backward compatible	
	Transmission Rate	10Gbps	
Video Output	Interface Type	Optical signal	
	Signal Format	LC	
	Output Resolution	2560X1440@60Hz, and backward compatible	
	Transmission Rate	10Gbps	
Image Processing		EDID update	support
		Hot swap	support
		Automatic protection of power-off equipment	support
Control		Network TCP/IP	TCP/IP
Use Environment		0°C~70°C	
Size		64mm x 42mm x16mm	
Transmission distance		Single mode fiber 20 km, multimode fiber 300M	
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