

) DVI TRANSMISSION SYSTEMS



) EY-M1-201-TR

DVI Extender via 4 fiber channel

LC Duplex Connector

Extends DVI connection up to 500 meters.

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) FEATURES

-) Long distance image transmission
-) High resolution and image quality
-) No RF Interference by optical fiber
-) Class 1 laser product complies with EN 60825-1
-) DVI-D single link
-) CE and FCC approved

) PRODUCT PICTURES



) APPLICATIONS

-) Remote monitor for traffic, industrial, military control
-) LCD, Projector, Plasma display connection
-) Large video wall system
-) Multi-monitor for Advertising

) REQUIREMENTS

-) DVI PC or DVI signal source (Transmitter)
-) DVI Monitor or Projector (Receiver)
-) 100~240VAC 50~60Hz 0.2A

) DRAWING

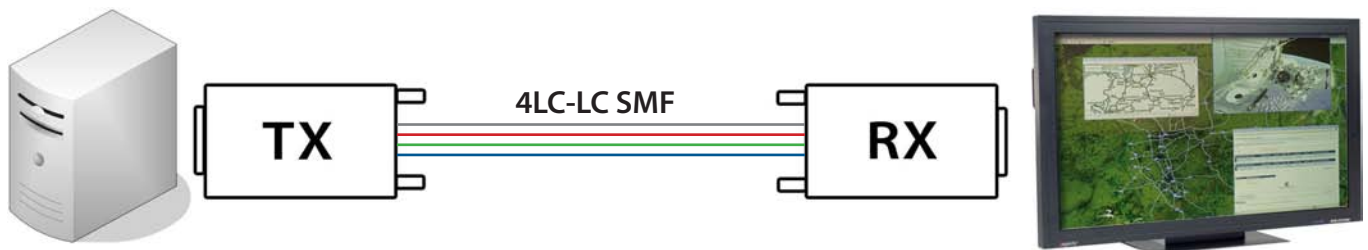


Figure - Single Monitor

) EY-M1-201-TR



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) TECHNICAL SPECIFICATIONS

PARAMETER	SPECIFICATION	NOTE
Max length	500M @ XGA 700M @XGA	62.5/125 MMF 4-LC 50/125 MMF 4-LC
Max resolution	1600 × 1200 (4:3) 1920 × 1080p (16:9) 1920 × 1200 (16:10)	
Max DVI bandwidth	1.65 Gbps per channel	Customers optional
EDID support	Pseudo DDC	
HDCP compliant	No	
Operating voltage	DC 5V	
Supply current	180mA±30 280mA±30	TX module RX module
Optical property	4 channels 850nm @-6dBm	
Operating Temperature	-0°C to 50°C	
Storage Temperature	-20°C to 75°C	
Dimension	TX unit : 90 × 40 × 19.6 RX unit : 90 × 40 × 19.6	L × W × H (mm)
Weight	TX unit : 65g ; RX unit : 65g	

) ADAPTER SPECIFICATIONS

PARAMETER	SPECIFICATION	NOTE
Input	100~240VAC	0.2A 50~60Hz
Output	DC 5V	1.0A
DC Jack	Inside 5V / Outside ground	

) RESOLUTION & DISTANCE REFERENCE

Resolution Mode	Resolution	Maximum Distance	Note
WUXGA	1920 × 1200 (16:10)	300m (62.5/125) / 500m (50/125)	
UXGA	1600 × 1200 (4:3)	300m (62.5/125) / 500m (50/125)	~1.65Gbps
1080P	1920 × 1080p (16:9)	300m (62.5/125) / 500m (50/125)	
SXGA	1280 × 1024 (5:4)	400m (62.5/125) / 600m (50/125)	~1.25Gbps
XGA	1024 × 768 (4:3)	500m (62.5/125) / 700m (50/125)	
1080i	1920 × 1080i (16:9)	500m (62.5/125) / 700m (50/125)	~800Mbps
720p	1280 × 720p (16:9)	500m (62.5/125) / 700m (50/125)	
SVGA	800 × 600 (4:3)	500m (62.5/125) / 700m (50/125)	



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