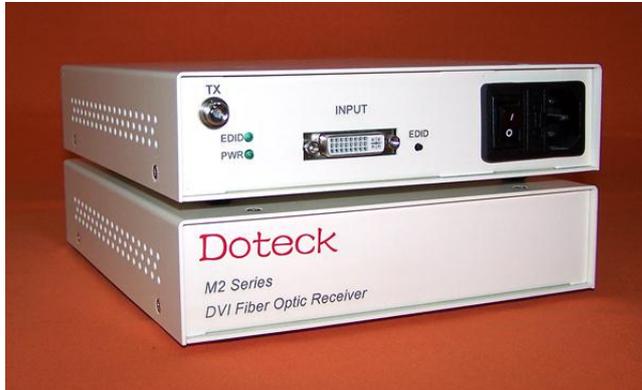


Dotek

Dotek M2 Series

DVI HD Video fiber optic Transmission System



Features

- (1) DVI Version 1.0

- (2) Up to WUXGA(1920x1080@60Hz) video resolution
- (3) Support 576i, 720p, 1080i, 1080p HD digital video resolution
- (4) Zero compression and zero bit reduction
- (5) Convenient instructions of LED status, data rate, optical signal, power etc.
- (6) PCB boards made with environmentally friendly Pb-free
- (7) PCB boards made with multilayer design, to ensure stable and reliable signal transmission
- (8) All components, including connectors, are ordered from public-known manufacturers in the world, high stability and reliability ensurance
- (9) Enclosure box material is made of aluminum, elegant appearance, light weight
- (10) Single switching power supply design, wide voltage range, reliable long-term running

Introduction

Dotek M2 series is a mini DVI HD video fiber optic transmission system featured by high performance and low cost. It can transmit one DVI HD video over one fiber, when using single mode fiber, the transmission distance is 20km, and multimode fiber, 400-800m.

No adjustment is required in M2 system since it takes advanced digital fiber optic transmission technology with zero compression and zero bit reduction, simple design and work security, stability and credibility.

Technical Specifications

DVI video	
Resolution	1920x1080@50/60Hz, 1280x720@50/60Hz 1024x768@50Hz, 720x576i
Connector	DVI
Protocol	DDC
Physical	
Dimension(H×W×D, mm)	

Built-in supply	44×180×208(mm)
External supply	23.6×86.4×122.3(mm)
Power supply	130-260VAC, 50/60Hz, or 2A/5V
Power consumption	<10W
Operation temperature	0-50°C
Relative humidity	0-95%, non-condensing
LED status indicator	Power, optical link, video activity
Fiber optic link	
Fiber type	Single mode
Number of fiber	1
Wavelength	1310nm/1550nm
Distance	0-20km, or 0-60km optional
Connector	
Built-in supply	FC/PC, or FC/APC
External supply	LC/PC

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