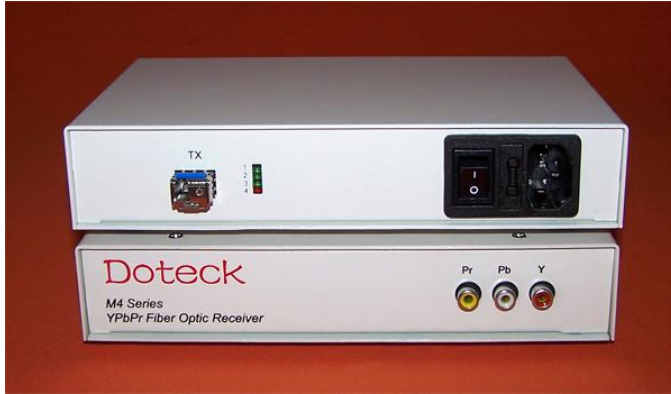


Doteck

Doteck M4 Series

YPbPr HD Video fiber optic Transmission System



Features

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

long-term running

Introduction

Dotek M4 series is a mini YPbPr fiber optic transmission system featured by high performance and low cost, It can transmit one YPbPr HD video over one fiber.

When using single mode fiber , the transmission distance is 20km, and multimode fiber, 400-800m.

No adjustment is required 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

YPbPr	
Resolution	720p, 1080i
Channel	1
Bandwidth	350MHz
Level	1.2Vp-p
Synchronization level	5Vp-p
Frequency response	$\pm 0.15\text{dB}@6\text{MHz}$
Differential gain	<0.15%
Connector	3 RCA
Physical	
Dimension(H×W×D, mm)	39×220.8×125.8(mm)
Power supply	130-260VAC, 50/60Hz
Power consumption	<10W
Operation temperature	0-50℃
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	LC/PC

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