

PMT-OET-M50 Optic Extender



Features

- *Single fiber bi-directional data transmission*
- *Fully support base Camera Link cameras / Frame grabbers*
- *Board bandwidth - up to 2.5 Gb/s supporting 24bits image data at 85 MHz pixel clock*
- *Single 5V ~ 24V DC power supply*
- *Estimated transmission distance – up to 500m for 50/125 um MM fiber*
- *Compact size – 59L × 39.4W × 17H mm*

Introduction

Single Fiber Optic Extender

Specification

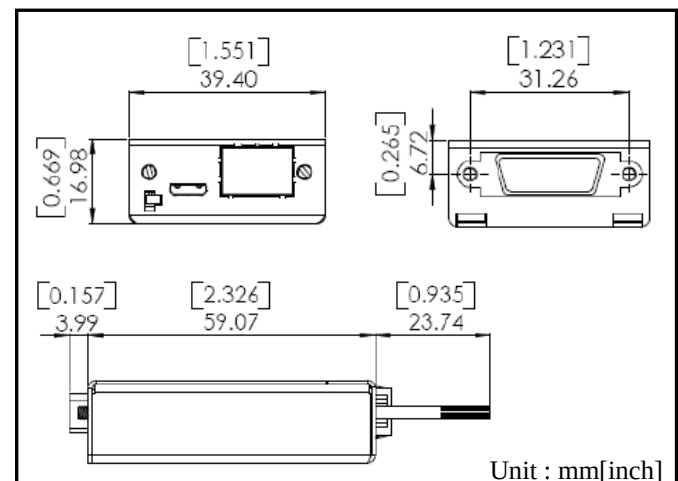
General Specification

Operating Temperature	Ambient	0 ~ 50 °C
	Case	0 ~ 60 °C
Storage Temperature	-40 ~ 85 °C	
Operating Humidity	20 ~ 80% (non-condensing)	
Input Voltage	DC 5 ~ 24V	
Supply Current (at 25°C)	0.160A (at 12V each module)	
Typical Power Consumption	1.9W each module	
Connector Type	Micro USB type B width custom pin assignment	
Approx. Weight(each module)	X-ray to 1200 nm	

Optical Interface

Operating Wavelength	1310 nm (CM) 1550 nm (FG)
Min Optical Tx Output Power	-3 ~ -9 dBm
Min Optical Rx Power	-15 dBm
Connector Type	LC Simplex
Fiber Type	50/125um MM fiber

Dimension



Camera Link Interface

Max Pixel Clock	85MHz
Max Image Data Width	16 bits
Transport Bandwidth	2 Gb/s
Connector Type	MDR26 plug

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