

Bridge M_OTR TX/RX

OPTICAL TRANSCEIVER



OPTICAL TRANSCEIVER Micro Type Converter



Bridge M_OTR TX/RX



Descriptions

Bridge M OTR [Optic , 3G/HD/SD SDI , TX RX] converts SDI video signals up tp fiber optic signal simultaneously. In addition, OTR has a optical 2TX, 1RX port so it can transmit and receive optical signals at the same time.

Feature

- Bidirectional Optical to HD/SDI
- 1310nm ,1490nm,1550nm FP-LD Source
- 2 SDI input (Send SD/HD/3G)
- 1 SDI Receive out (Receive part)
- SMPTE Mode(Support Pathological Signal)
- Up to 10 Km using Single mode fiber
- DC 5V ~ 17V wide operating range

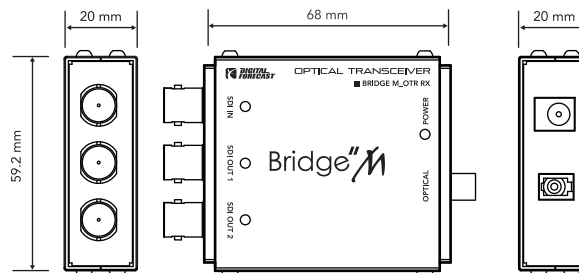
Physical

Dimension (W x H x D)	68 x 59.2 x 20 (mm)
Weight	TX : 115g / RX : 115g
Power Level	5 ~ 17 VDC
Power Consumption	2.6Watts (Max : 3Watts)
Operating Temperature	-20℃ ~ 70℃
Humidity	0 to 95% RH, non-condensing

Image View



Drawing Dimension [mm]



Digital Video Specs.

Optic

- SMPTE compliance Optical SFP (Max 3 GHz)
- Single mode , 1310nm/1490nm/1550nm
- Up to 10Km
- Supports multi-rate SDI formats
- SMPTE 125M: NTSC (480i 59.94), PAL (576i 50)
- SMPTE 296M: 720p (60/59.94/50)
- SMPTE-274M, SMPTE-292M: 1080i (60/59.94/50)
1080p (30/29.97/25/24/23.98)
- SMPTE-424M: 1080p (60/59.94) 3G

Format Support

Input Format	Output Format	480i (NTSC)	576i (PAL)	480P	576P	720P24	720P25	720P30	720P50	720P59.94	720P60	1080i50	1080i59.94	1080i60	1080p24	1080p25	1080p30	1080psF24	1080p50	1080psF24	1080p59.94	1080p60	
480i (NTSC)		●																					
576i (PAL)			●																				
480P				●																			
576P					●																		
720P24						●																	
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1080psF24																				●			
1080p59.94																					●		
1080p60																						●	