

# Bridge M\_OTR TX/RX

OPTICAL TRANSCEIVER / RECEIVER



# OPTICAL TRANSCEIVER / RECEIVER 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

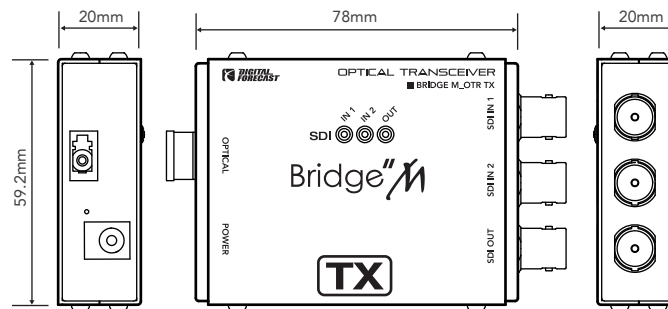
### Physical

Dimension (W x H x D)	78 x 59.2 x20 (mm)
Weight	TX : 90g / RX : 90g
Power Level	5 ~ 17 VDC
Power Consumption	2.6Watts (Max : 3Watts)
Operating Temperature	-20 °C ~ 70 °C
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	1080p59.94	1080p60	
480i (NTSC)	●																				
576i (PAL)		●																			
480P			●																		
576P				●																	
720P24					●																
720P25						●															
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1080p59.94																			●		
1080p60																				●	