OPTICAL Transmitter / Receiver UHD 4K Converter

Bridge UHD_OTR TX/RX

Descriptions

Bridge UHD OTR Converter changes four 3Gs_SDI signal using Fiber_Optic.
A changed signal, it's possible to transmit via two of Single Mode Cable.

Feature

- Bi-Directional Optical to 3G-SDI
- 1310nm ,1490nm, FP-LD Source
- 4 3G-SDI Transceive input (TX)
- 4 SDI Receive output (RX)
- SMPTE Mode(Support Pathological Signal)
- Up to 10 Km using Single mode fiber
- DC 5V ~ 24V wide operating range

Physical

Dimension (W x H x D)	68 x 88 x 20 (mm)
Weight	TX : 165g / RX : 165g
Power Level	+12 VDC
Power Consumption	3Watts (Max : 4Watts)
Operating Temperature	-20℃ ~ 70℃
Humidity	0 to 95% RH, non-condensing

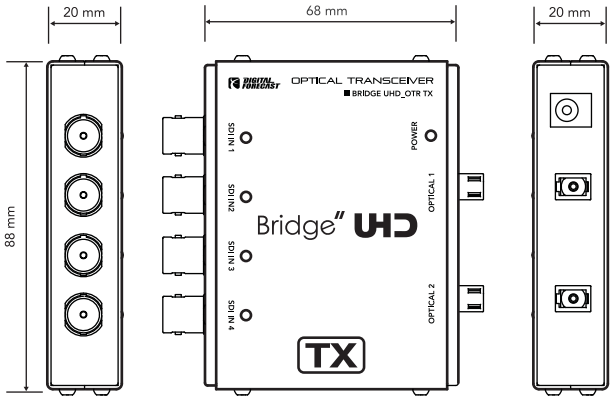
Digital Video Specs.

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						●														
720P30							●													
720P50								●												
720P59.94									●											
720P60										●										
1080i50											●									
1080i59.94												●								
1080i60													●							
1080p24														●						
1080p25															●					
1080p30																●				
1080psF24																	●			
1080p50																		●		
1080p59.94																			●	
1080p60																				●

Image View

Drawing Dimension [mm]