



Bridge UHD M_OTR Digital Forecast Owner’s Manual

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12G OPTIC TRANCEIVER

UHD Optic Extender

Bridge UHD M_OTR



Descriptions

Bridge UHD M_OTR is the device converting 12G SDI to optical signal for long range transmission as well as enabling Bi-directional transmission by Dual core

Feature

- Standard SDI(SD,HD,3G,6G,12G) format supported
- Bi-directional transmission (TX + RX)
- Optional Optic Interface (SFP module slot)
- LC Dual mode, max 10Km
- DC 12V, Low-Power Consumption

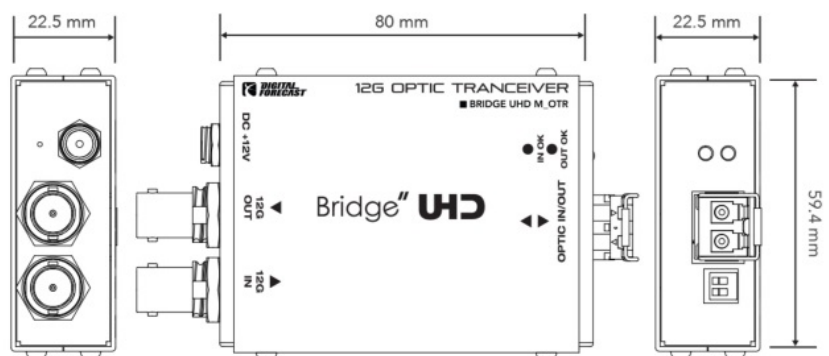
Physical

Dimension (W x H x D)	80 x 59.4 x 22.5 (mm)
Weight	105g
Power Level	5V ~ 17 VDC
Power Consumption	3.1 Watts (Max: 4 Watts)
Operating Temperature	0℃ ~ 55℃
Humidity	0 to 95% RH, non-condensing
Data Rate	12G
Signal Level	800mVp-p +/- 50m

Image View



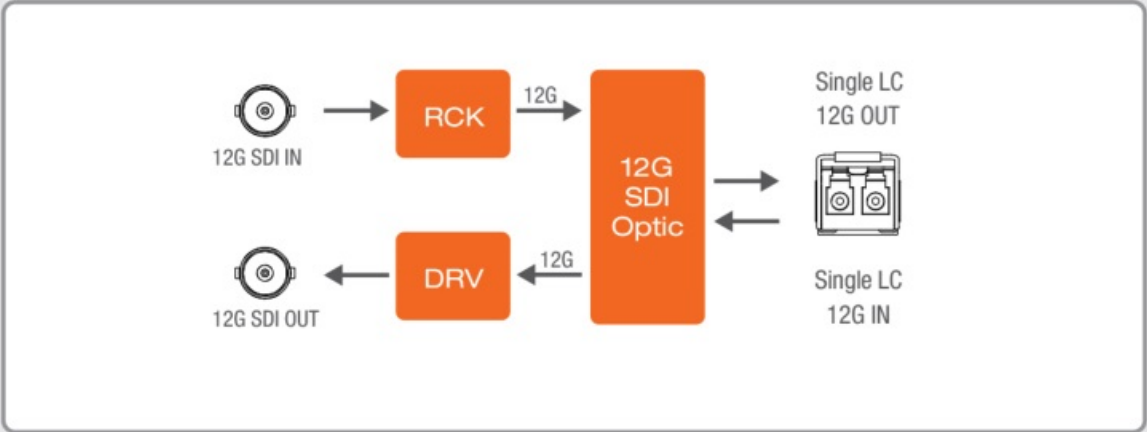
Drawing Dimension [mm]



Digital Video Specs.

- SMPTE-296M : 720P (60/59.94/50)
- SMPTE-274M, SMPTE-292M : 1080i (60/59.94/50)
- SMPTE-424M : 1080p (60/59.94/50) 3G
- SMPTE-ST2081 : 2160p (30/29.97/25) 6G
- SMPTE-ST2082 : 2160p (60/59.94/50) 12G

Block Diagram



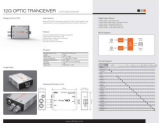
Format Support

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	2160p25	2160p29.97	2160p30	2160p50	2160p59.94	2160p60
480i (NTSC)	●																									
576i (PAL)		●																								
480P																										
576P																										
720P24					●																					
720P25						●																				
720P30							●																			
720P50								●																		
720P59.94									●																	
720P60										●																
1080i50											●															
1080i59.94												●														
1080i60													●													
1080p24														●												
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1080p30																●										
1080psF24																	●									
1080p50																		●								
1080p59.94																			●							
1080p60																				●						
2160p25																					●					
2160p29.97																						●				
2160p30																							●			
2160p50																								●		
2160p59.94																									●	
2160p60																										●

Contents

1 Documents / Resources

1.1 References

	Bridge UHD M_OTR Digital Forecast [pdf] Owner's Manual UHD M_OTR Digital Forecast, UHD M_OTR, Digital Forecast, Forecast
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References

- [User Manual](#)

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