

HDMI2.0 to Optic UHD Converter + Optic Extender



Bridge UHD M_HOT



Descriptions

Bridge UHD M_HOT is the device converting HDMI2.0 signal to UHD 4K optical signal. Bridge UHD M_HOT is designed with Optima technology to be compatible with a signal of Optima technology applied products.

Feature

- Optima technology inside
- HDMI2.0 (720p-2160p60) input
- Optima Optic Module
- Chroma Format 4:2:2 10bit
- LC single mode, max 10Km

Optical Spec.
 Type : Small Form-Factor Pluggable (SFP)
 Power : 3.3 V
 Datarate : max 6G dual
 Wavelength : 1310 nm, 1490 nm

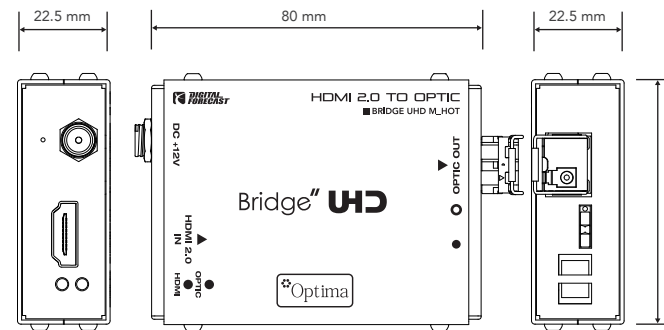
Physical

Dimension (W x H x D)	80 x 59.4 x 22.5 (mm)
Weight	110g
Power Level	7V ~ 16 VDC
Power Consumption	6.2 Watts (Max: 7 Watts)
Operating Temperature	0°C ~ 55°C
Humidity	0 to 95% RH, non-condensing
Data Rate	Max 600Mhz
Signal Level	800mVp-p +/- 50m

Image View



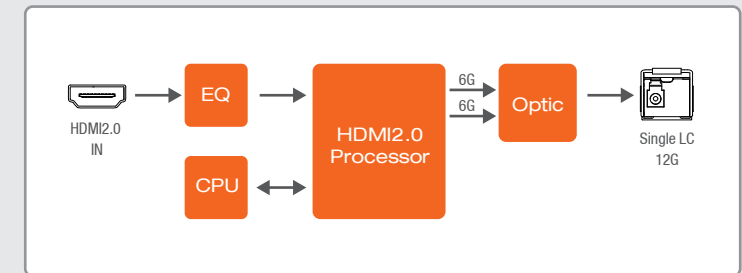
Drawing Dimension [mm]



Digital Video Specs.

- HD : 720P (60/59.94/50) , 1080i (60/59.94/50) , 1080P (23.98/24/25/29.98/30)
- FHD : 1080P (60/59.94/50)
- 2K4K : 2160p (23.98/24/25/29.98/30)
- 4K : 2160p (60/59.94/50)

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	1080p50	1080p59.94	1080p60	2160p25	2160p29.97	2160p30	2160p50	2160p59.94	2160p60		
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1080p59.94																												
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