

Bridge X_SH

SDI TO HDMI



SDI TO HDMI Premium Converter



Bridge X_SH



Descriptions

Bridge X_SH is a device that convert to HDMI signal from an SDI signal of SMPTE standards. The format is supported from 480i to 1080p60. In addition, it can insert analog audio into HDMI signal and extract analog audio from HDMI signal.

Feature

- SDI to HDMI converter
- Zero delay conversion & timing
- 1 SDI input (SD/HD/FHD all standard format)
- 1 HDMI output (SD/HD/FHD all standard format)
- 1 External stereo analog audio input / output (MUX or DMX)
- Selectable mux audio source between embedded HDMI and analog
- USB power are also available
- DC 7V ~ 17V wide operating power range
- Support rack mount frame (1U max 6 units)

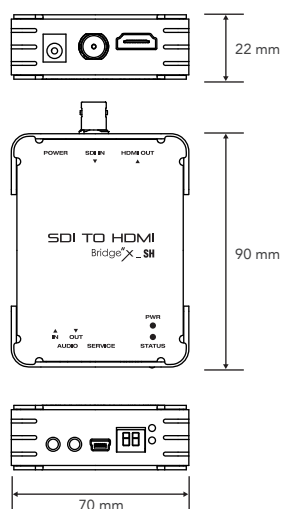
Physical

Dimension (W x H x D)	70 x 90 x 22 (mm)
Weight	120g
Power Level	7V ~ 17 VDC
Power Consumption	4 Watts (Max: 4.5Watts)
Operating Temperature	-20°C ~ 70°C
Humidity	0 to 95% RH, non-condensing
Data Rate	3G
Signal Level	800mVp-p +/- 50m

Image View



Drawing Dimension [mm]



Digital Video Specs.

- Supports HDMI v1.3
- 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

DIP S/W Function



Format Support

Format Support

Bypass

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