

# HDMI TO HD/SD Micro Type Converter



## Descriptions

Bridge M\_HH is the equipment that will convert the HDMI signal an SDI signal of SMPTE standards. It can support the format of up to 1080p60 and Mux the audio signal of external Analog L / R. In addition, it is also possible to fix the output in a specific format. (Scaler built-in)

## Feature

- HDMI to SDI converter with monitoring HDMI out
- Small and High end Function inside High video processing engine.
- Selectable Mux Audio source between Embedded HDMI and Analog L/R
- Normal Bypass mode or fixed Scan converter mode for standard 1080i50/1080i59.94 broadcast format
- 1 HDMI input ( SD/HD/3G all standard format )
- 1 L/R stereo Audio input (stereo audio jack )
- 1 HDMI out ( SD/HD/3G all standard format )
- 1 HD-SDI out ( SD/HD/3G all standard format )
- DC 5V ~ 24V wide operating range

## Physical

- Dimension (W x H x D) : 68 x 59.2 x 20 (mm)
- Weight : 95g
- Power Level +12 VDC
- Power Consumption : 4.37Watts (Max : 5Watts)
- Operating Temperature : -20°C ~ 70°C
- Humidity : 0 to 95% RH, non-condensing

## Digital Video Specs.

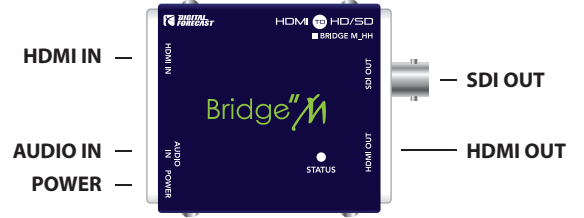
- Supports HDMI v1.3
- Supports multi-rate SDI formats
- SMPTE 125M: NTSC (480i 59.94), PAL (576i 50)
- SMPTE 296M: 720p (60/59.94/50)
- SMPTE-274M, SMPTE-292M: 1080i (60/59.94/50)  
1080p (30/29.97/25/24/23.98)
- SMPTE-424M: 1080p (60/59.94) 3G

## Format Support

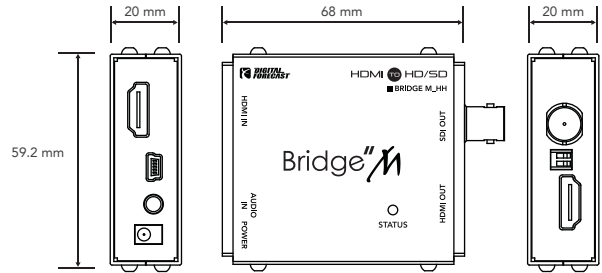
● Bypass ● Scan

Input Format	Output Format	480i (NTSC)	576i (PAL)	480p	576p	720P24	720P25	720P30	720P50	720P59.94	1080i50	1080i59.94	1080i60	1080p24	1080p25	1080p30	1080p50	1080p59.94	1080p60	
480i (NTSC)		●																		
576i (PAL)			●																	
480P																				
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720P50																				
720P59.94																				
720P60																				
1080i50																				
1080i59.94																				
1080i60																				
1080p24																				
1080p25																				
1080p30																				
1080psF24																				
1080p50																				
1080p59.94																				
1080p60																				
640x480p60																				
800x600p60																				
1024x768p60																				
1280x1024p60																				
1280x800p60																				
1280x960p60																				
1360x768p60																				
1440x900p60																				
1680x1050p60																				
1600x1200p60																				

## Image View



## Drawing Dimension [mm]



## DIP S/W Function

VIDEO OUT FORMAT SETTING		AUDIO MUX SETTING	
Bypass Mode	<input type="checkbox"/> ON <input type="checkbox"/> 1 <input type="checkbox"/> 2	HDMI Bypass	<input type="checkbox"/> ON <input type="checkbox"/> 1 <input type="checkbox"/> 2
1080i Mode	<input type="checkbox"/> ON <input type="checkbox"/> 1 <input type="checkbox"/> 2	External Audio (Analog)	<input type="checkbox"/> ON <input type="checkbox"/> 1 <input type="checkbox"/> 2

## Application

• steady cam	• Jimmy Jib
• Helicam	• DSLR