

Bridge M_UD

UP/DOWN/CROSS



UP/DOWN/CROSS Micro Type Converter



Bridge M_UD



Descriptions

Bridge M_UD is a device that will use UP / DOWN / CROSS an SDI signal. It supports formats up to 1080p60, there are audio MUX / DMX function, aspect ratio fixed (ARC) function. In addition, you can have a CVBS output for monitoring, fixing the output in a specific format.

Feature

- SDI to SDI Up/Down/Cross/scan converter with monitoring CVBS
- Small and High end Function inside High video processing engine.
- Audio Mux Function
(Selectable Mux Audio source between Embedded SDI and Analog L/R)
- Audio DeMux Function (same out Embedded SDI and Analog L/R)
- User selectable output format using DIP S/W
(Up/Down/Cross - SD/720P/1080i/3G)
- User selectable output ARC using DIP S/W
(Full/Letter/Pillar/14:9/Cut)
- 1 SDI input (SD/HD/3G all standard format)
- 1 L/R stereo Audio in/output (stereo audio jack)
- 1 SDI out (SD/HD/3G all standard format)
- 1 CVBS for Monitoring (NTSC or PAL)
- 12V DC Power supply

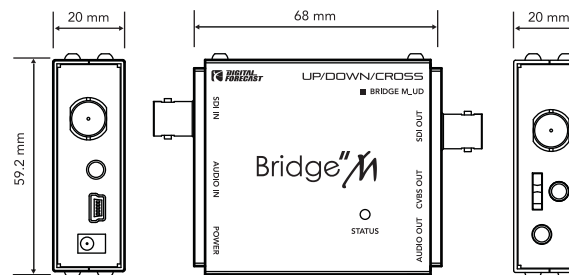
Image View



Physical

Dimension (W x H x D)	68 x 59.2 x 20 (mm)
Weight	90g
Power Level	+12 VDC
Power Consumption	5.5Watts (Max : 6Watts)
Operating Temperature	-20°C ~ 70°C
Humidity	0 to 95% RH, non-condensing

Drawing Dimension [mm]



Digital Video Specs.

- 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

VIDEO OUT FORMAT SETTING

1080P: ON 1 2 3 4

720P: ON 1 2 3 4

1080i: ON 1 2 3 4

SD: ON 1 2 3 4

AUDIO MUX SETTING

SDI Bypass:

External Audio (Analog):

DOWN ARC SETTING

FULL: ON 1 2 3 4

Letter: ON 1 2 3 4

14:9: ON 1 2 3 4

Cut: ON 1 2 3 4

UP ARC SETTING

FULL: ON 1 2 3 4

Pillar: ON 1 2 3 4

14:9: ON 1 2 3 4

Cut: ON 1 2 3 4

Format Support

● 1080i ● SD ● 720p ● 1080p

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