

Bridge™

# Bridge 1000\_HH

HDMI TO HD/SD



# HDMI TO HD/SD Mini Type Converter



Bridge 1000\_HH



## Descriptions

Bridge 1000\_HH is the equipment that will convert an HDMI / DVI signal into SDI SMPTE standards.

You can support the format of up to 1080p60, to Mux the audio signal of the external analog L / R.

## Feature

- HDMI or DVI to SDI converter
- PC DVI format support
- High end video scaler Function inside High video processing engine.
- Selectable Mux Audio source between Embedded HDMI and Analog L/R
- 1 HDMI input ( SD/HD/3G all standard format )
- 1 DVI input ( PC dvi format support )
- 1 L/R stereo Audio input (stereo audio jack )
- 2 SDI out ( SD/HD/3G all standard format )
- DC 7V ~ 17V wide operating range

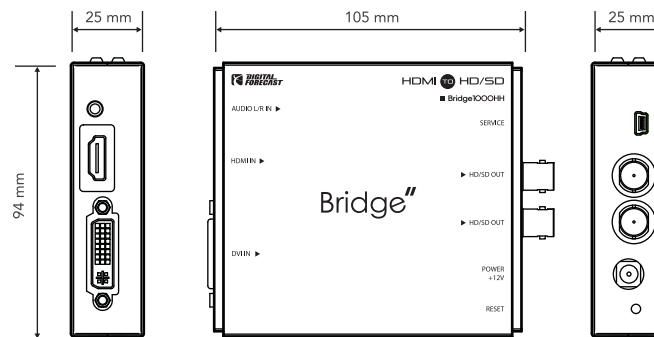
## Physical

|                       |                             |
|-----------------------|-----------------------------|
| Dimension (W x H x D) | 106 x 96 x 25 (mm)          |
| Weight                | 175g                        |
| Power Level           | 7 ~ 17 VDC                  |
| Power Consumption     | 4Watts (Max : 4.5Watts)     |
| Operating Temperature | -20°C ~ 70°C                |
| Humidity              | 0 to 95% RH, non-condensing |

Image View



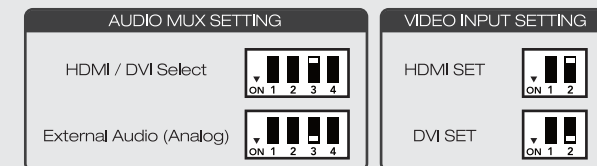
## Drawing Dimension [mm]



## Digital Video Specs.

- Supports HDMI v1.3
- Supports DVI format
- 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 (60/59.94/50) 3G

## DIP S/W Function



## 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 |
|--------------|---------------|-------------|------------|------|------|--------|--------|--------|--------|-----------|--------|---------|------------|---------|---------|---------|---------|---------|------------|---------|
| 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      |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 640x480p60   |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 800x600p60   |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 1024x768p60  |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 1280x1024p60 |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 1280x800p60  |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 1280x960p60  |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 1360x768p60  |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 1440x900p60  |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 1680x1050p60 |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |
| 1600x1200p60 |               |             |            |      |      |        |        |        |        |           |        |         |            |         |         |         |         |         |            | ●       |