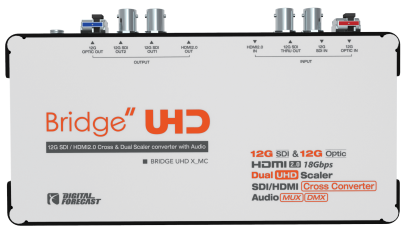
Bridge UHD X_MC

UHD Multi Scaler Converter

12G SDI / HDMI2.0 Cross & Dual Scaler converter with Audio (MUX/DMX)







Descriptions

Bridge UHD X_MC is a multi-scaler converter that can process HDMI2.0 signals and 12G SDI signals simultaneously.
With a built-in dual scaler, the resolution of 12G SDI output and HDMI2.0 output can be individually set as desired.
Additionally, it has a built-in audio MUX/DMX function, providing convenient functions

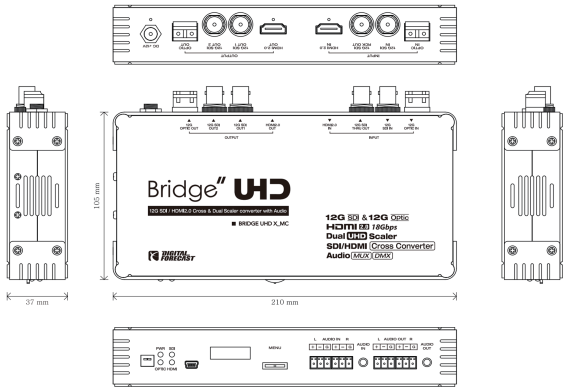
Feature

- 1 x HDMI 2.0 Input, 1 x 12G SDI Input, 1 x 12G SDI Thru Output, 1 x 12G Optic Input
- 1 x HDMI 2.0 Output, 2 x 12G SDI Outputs, 1 x 12G Optic Output
- Standard SDI (HD, 3G, 6G, 12G) format supported
- Standard HDMI (Max 4096x2160) format supported
- Dual UHD 4K Scaler (SDI, HDMI output can be set individually)
- Analog Audio MUX/DMX supported
- Convenient setting support through Front OLED Display

Operating Environment

Power Level	+ 12V DC Power
Power Consumption	30 Watts (Max 35 Watts)
Operating Temperature	0℃ ~ 55℃
Humidity	0% ~ 95% RH, Non-condensing
Data Rate	HDMI (600MHz) , SDI (12Gbps)
Signal Level	800mVp-p +/- 80mV

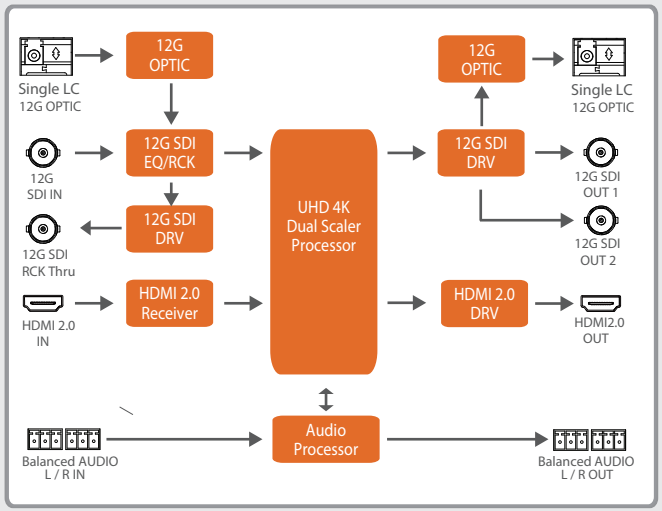
Dimension [mm]



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)
- 2K/4K : 2160p (23.98/24/25/29.98/30)
- 4K : 2160p (60/59.94/50)

Block Diagram



User Option



12G SFP
(not included in supplies)