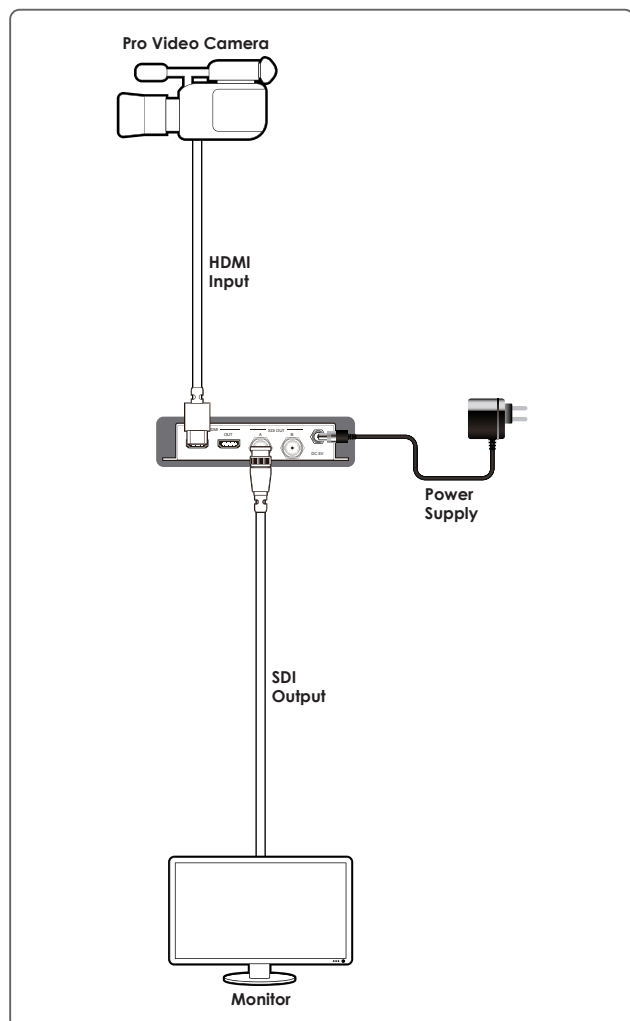# PRO-H2SDI

HDMI to 12G-SDI Converter

The HDMI to SDI Converter allows HDMI signals to be shown on two SDI displays while ensuring high bit rates of 12 Gbit/s to give you high resolution signal without any loss. For professionals this means that it is now easier to convert your high def HDMI signal with audio to SDI for long distance transmission and display your work on two SDI displays. Also, a 2 CH L/R audio input allows DVI signal with 2CH audio to be converted to SDI in order to be shown on SDI displays. Furthermore, the device has a built-in default EDID and a recordable EDID that guarantee image display compatibility with source equipment.

PANELS

Front View

Rear View

DIAGRAM

Pro Video Camera

HDMI Input

Power Supply

SDI Output

Monitor

FEATURES

- Supports SDI output distance up to 60 meters (12G-SDI), 80 meters (6G-SDI) 100 meters (3G-SDI), 200 meters (HD-SDI), or 300 meters (SD-SDI)

  Note:

  1. Tested with Belden 1694A Cable. Operating distances may vary if used with cables of different specifications.

  2. This product does not process HDCP encrypted input signals. There will be no video output when the input signal contains content that is HDCP encrypted.

- Integrated audio embedded up to 8 CH PCM 48 kHz for HDMI or 2 CH (external L/R) for DVI audio
- Support SDI signal re-timing Cable Driver

SPECIFICATIONS

Interfaces

Input Port	1 HDMI (Type-A) 1 Unbalanced Stereo (3.5mm)
Output Port	2 12G-SDI(BNC) 1 HDMI(Type-A)

Video

HDMI Compliance	HDMI 2.0 (DVI 1.0)	
HDCP Compliance	Not Supported	
Input Signal Type	4K@60 8bit YUV 4:2:2	
Output Signal Type	4K@60 8bit YUV 4:2:2	
		Resolutions
Maximum Input	HDMI	4096×2160p@60 (YUV 4:2:2)
Maximum Output	HDMI	4096×2160p@60 (YUV 4:2:2)
	SDI	4096×2160p@60 (YUV 4:2:2)

Audio

Input Signal Types	HDMI, Unbalanced Stereo
Output Signal Types	SDI
Digital Formats	HDMI 2CH LPCM, 8CH LPCM

Power

Power Supply	5V/2.6A DC (Locking)
Power Consumption	6.138W (Full Load)

Enclosure

Chassis Material	Metal (Steel)
Chassis Color	Black
Dimensions (W×H×D)	128mm×25mm×75mm [Case Only] 128mm×25mm×94mm [All Inclusive]
Weight	347g

Field Firmware Update

USB

ORDERING INFORMATION

Model No.	Product Description
PRO-H2SDI	HDMI to 12G-SDI Converter
PRO-SDI2H	12G-SDI to HDMI Converter
PRO-H2SDI-W	HDMI to 12G-SDI Converter
PRO-SDI2H-W	12G-SDI to HDMI Converter