

TRICOM HDMI TO SDI CONVERTER

Description

This HDMI to SDI converter allows you to seamlessly convert HDMI signals to broadcast quality SD-SDI/HD-SDI/3G-SDI signals. It is widely applied in post- production and broadcast applications such as broadcast rooms and non- linear editing, as well as optical transmission fields where the equipment has an HDMI port.

Features

1. SDI video input: 1xSD, HD or 3G-SDI
2. Video output: 1xHDMI Type A out (1080P @ 60Hz), 1xSDI loop output
3. Input audio signal: SDI embedded
4. **SDI input resolution:**
 - 720p @ 30, 50 and 60Hz
 - 1080i @ 50, 60Hz
 - 1080P 24, 25, 30, 50 and 60Hz
5. **HDMI output resolution:**
 - 720p @ 52,60Hz
 - 1080i @ 50, 60Hz
 - 1080P 24, 25, 30, 50 and 60Hz
6. **SDI data rate: 270 Mb/s,1.485 Gbps,2.97Gbps**
7. **One-way SDI output, re-clock function, can support multiple cascades**

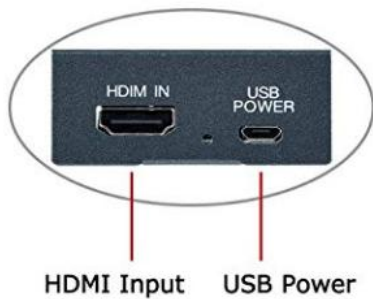
Technical Parameter

Power Adapter	USB 5V/1A
HDMI Input resolutions	720x480I@60Hz,720x480P@60Hz,720x576I@60Hz,720x576P@60Hz 800x600P@60Hz,1024x768P@60Hz,1280x1024P@60Hz,1280x720P@50Hz 1280x720P@60Hz,1280x800P@60Hz,1280x960P@60Hz,1360x768P@60Hz 1400x1050P@60Hz,1440x900P@60Hz,1600x1200P@60Hz,1680x1050P@60Hz 1920x1080I@50Hz,1920x1080I@60Hz,1920x1080P@24Hz,1920x1080P@25Hz 1920x1080P@30Hz,1920x1080P@50Hz,1920x1080P@64Hz

SDI Out resolutions	720P@50/60Hz,1080P@24/25/30/50/60Hz
SDI format	SD-SDI/HD-SDI/3G-SDI
Impedance	75 Ω
Power	<600mA(DC 5V)
Dimension	83x55x24(mm)
Weight	163g



Operation controls and function



USB Power DC 5V/1A

After device connected, please operate as the following:

1: Choose the HDMI input source devices output channel as HDMI.

2: Power on the converter, the LED will be red.

3: If the input source HDMI resolution is compliant to the resolution SDI display supported, SDI signal can be output via SDI port and it can be split into two SDI signal to connect two different SDI display simultaneously.

