



Description

3G SDI HDMI Converter is designed for professional SMPTE video applications. This 3G SDI HDMI converter makes your work easier with common HDMI displays. Loop-through design also allows you to stream original SDI content to an SDI monitor simultaneously with HDMI. This converter supports SD-SDI, HD-SDI, and 3G-SDI video signals up to 2.970 Gbps.

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 Supply | USB DC 5V/1A |
| SDI Input format | SD-SDI, HD-SDI, 3G-SDI |
| SDI data transfer rates | 270Mb/s, 1.485Gb/s, 2.97Gb/s |
| Impedance | 75 Ω |
| SDI input resolutions | 720P/@30Hz/@50Hz/@60Hz, 1080i/@50Hz/@60Hz, 1080p/@50Hz/@60Hz, 1080P/@24Hz/@25Hz/@30Hz |
| HDMI Output resolutions | 720P/@50Hz, 720P/@60Hz, 1080i/@50Hz, 1080i/@60Hz, |

| | |
|---------------------|-------------------------------------|
| | 1080p/@24Hz/@25Hz/@30Hz/@50Hz/@60Hz |
| Dimensions | 83x55x24(mm) |
| Weight | 163g |
| Working Temperature | 0°C-59°C |

Product Image



Connection Diagram



SDI HD Camera Video Matrix DVR SDI Camera

SDI INPUT



HDMI OUTPUT



Monitor

Projector

SDI OUTPUT



SDI Video Matrix

SDI Hard Disk Recorder

HDTV