

MMIO EMB-HDSDI

3G/HD/SD Signal & Analog Audio Embedder



MMIO EMB-HDSDI is a kind of embedder based on Mini-Box chassis. It can embed two analog audio signal into a single serial digital signal, and output one serial digital signals with embedded audio. It supports SD-SDI, 1.5 Gbps HD-SDI and 3.0 Gbps HD-SDI for inputs and outputs. It can also be applied to digital signal with embedded audio for input signal.

MMIO EMB-HDSDI supplies real-time input signal status indicator and power indicator which make it convenient to monitor. The embedded audio channel can be selected though DIP Switch.



Key Features

- 2 audio signals embedded into a single serial digital signal
- Inputs and outputs for SD-SDI, 1.5Gb/s HD-SDI and 3.0Gb/s HD-SDI
- Support self-definition embedded audio channel via DIP Switch
- All audio interfaces adopt 3-PIN connector, balanced input
- Supply real-time input signal status indicator and power indicator
- Support bypass function with power on

Specifications

Digital Video Input:

Input interface: 1*3G/HD/SD-SDI, BNC
Impedance: 75Ω
Resolution: SD: 525i 60, 625i 50
HD: 720p 50Hz/59.94Hz/60Hz
1080i 50Hz/59.94Hz/60Hz
1080p 24Hz/25Hz/30Hz
1080p 50Hz/59.94Hz/60Hz

Digital Video Output:

Output interface: 1*3G/HD/SD-SDI, BNC
1*3G/HD/SD-SDI Loop,
BNC
Impedance: 75Ω
Level: 800mV±10%
Jitter: <0.2UI (100KHz)

Audio Input:

Input interface : 2*3pin, balance
Impedance: 110Ω

Status Indicator:

Input signal status indicator
Power indicator

Power:

Power consumption: 12VDC 1A



Ordering Information

MMIO EMB-HDSDI

3G/HD/SD-SDI & Analog Audio Embedder

MMIO EMB-HDSDI-2AES:

3G/HD/SD-SDI & AES Digital Audio Embedder

MMIO DEMUX-HDSDI

3G/HD/SD-SDI & Analog Audio De-embedder

MMIO DEMUX-HDSDI-4AES

3G/HD/SD-SDI & AES Digital Audio De-embedder