

MIO EMB-HSDI

3G/HD/SD Signal & Analog Audio Embedder



MIO EMB-HSDI is a kind of embedder based on Mini-Box chassis. It can embed one analog audio stereo signal into a single serial digital signal, and output 2 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.

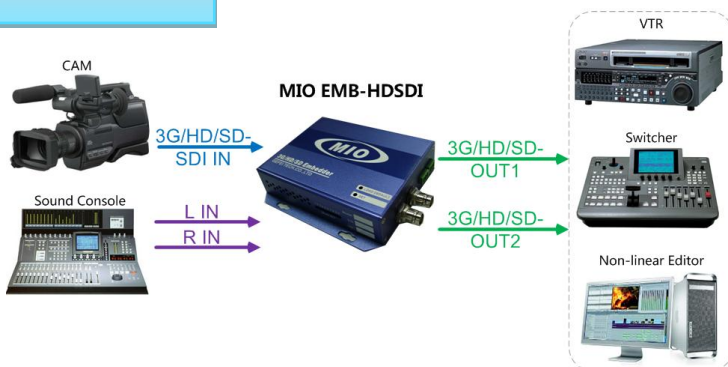
MIO EMB-HSDI supplies real-time input signal status indicator and power indicator which make it convenient to monitor. The embedded audio channel can be selected through DIP Switch.



Key Features

- ◇ 1 analog audio stereo signal 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
- ◇ Easy to install, and can be widely used in broadcasting system, studios and other professional audio fields.

Application



MIO EMB-SDI :

SD-SDI & Analog Audio Embedder

MIO EMB-HSDI :

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

MIO DEMUX-SDI :

SD-SDI & Analog Audio De-embedder

MIO DEMUX-HSDI

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

Ordering Information

Specifications

Digital Video Input:

Input interface : 1*3G/HD/SD-SDI, BNC
Impedance : 75Ω
Resolution : SD: 480i/60, 576i/50
HD: 720p 50Hz/60Hz
1080i 50Hz/60Hz
1080p 24Hz/25Hz/30Hz
1080p 50 Hz /60 Hz

Digital Video Output:

Output interface : 2*3G/HD/SD-SDI, BNC
1*3G/HD/SD-SDI Loop, BNC
Impedance : 75Ω
Level : 800mV±10%
Jitter: <0.2UI (100KHz)

Analog Audio Input:

Input interface : 2*3pin, balance
Impedance : 600Ω

Status Indicator:

Input signal status indicator
Power indicator

Power:

Power consumption : 12VDC 1A
Size : 123mm*92mm*29mm