

MMIO DEMUX-HDSDI is a kind of de-embedder based on Mini-Box chassis. It can extract two analog audio signals from a single serial digital signal. It auto supports SD-SDI, 1.5 Gbps HD-SDI and 3.0 Gbps HD-SDI for inputs and outputs.

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

MMIO DEMUX-HDSDI is easy to install, and can be widely used in broadcasting system, studios and other professional audio fields.



### Key Features

- 2 analog audio signal extracted from 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

### Connector



### 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 Output:

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

#### Status Indicator:

Input signal status indicator  
Power indicator

#### Power:

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

### 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*