

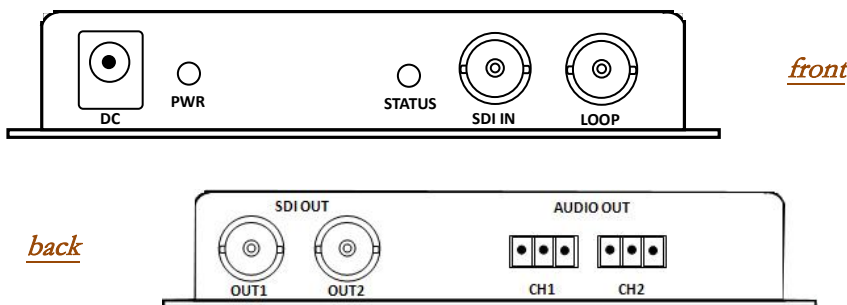
### Description

Based on Mini BOX platform, MIO-Demux-SDI is a small de-embedder which can de-embed two channel analog audio from the SDI. The de-embedder can output one digital video and two channel analog audio, also 525i30 and 625i25 are supported.

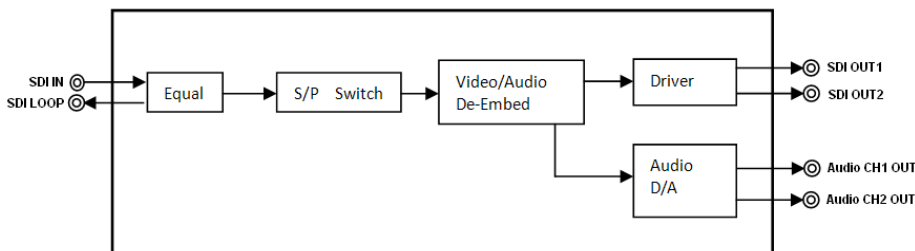
It's reliable to extend more devices by the loop interface. The lights on the Mini box indicate the states of source signal and power, so as to let the user know the information immediately.

Be known for compact function, the converter is widely used in variety of environments, like TV program post production, studio, broadcast, etc.

### Interface (Refer to real product)



### Block Diagram



### Key Features

- Convert one embedded SDI to two channel SDI video with two channel analog audio effectively.
- Support 525i30 and 625i25
- Adopt 3-pin as audio interface
- Broadcast quality with 20 bit processing
- Indicate lights tell the states of source signal and power immediately
- Based on Mini BOX platform, with high performance, widely used in the fields of studio, broadcast and other places

### Specifications

#### Digital Video Input:

Input interface: 1\*SDI, BNC connector  
Impedance: 75ohms  
Format: SMPTE 259M-C; 270Mb/s

#### Digital Video Output:

Output interface: 3\*SDI, BNC connector  
Impedance: 75ohms  
Format: SMPTE 259M-C; 270Mb/s  
Jitter: <0.2UI  
Amplitude: 800mV ±5%

#### Analog Audio Output:

Out interface: 2\*3pin (balanced)  
Impedance: 600ohms  
Max level: +24dBu

#### Status Indication:

Input/Power states (Indicate by shining or extinguishing of the red and green LED)

#### Physics:

Power: 9VDC 1.6A  
Size: 123mm\*92mm\*29mm

### Ordering Information

MIO-EMB-SDI SDI dual analog audio embedder  
MIO-Demux-SDI SDI AES audio De-embedder - dual balanced analog audio outputs