

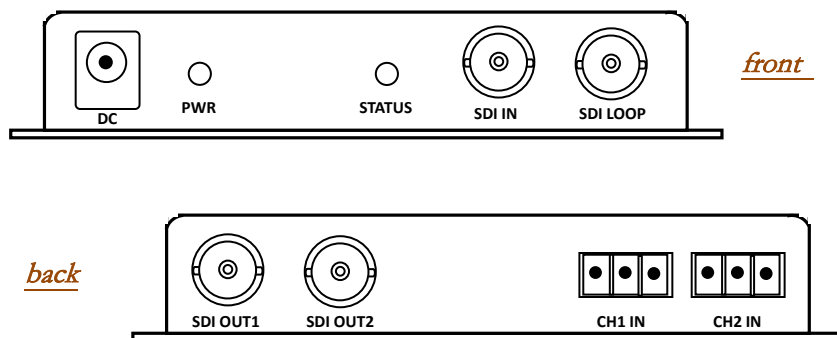
Description

Based on Mini BOX platform, MIO-EMB-SDI is a small embedder which can convert two channel analog audio and one digital video to embedded SDI. The embedder supports 525i30 and 625i25.

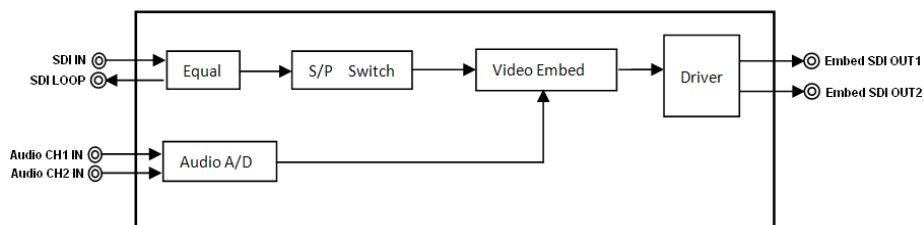
The lights on the Mini box indicate the states of source signal and power, so as to let the user know the information immediately.

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



Ordering Information

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

Key Features

- Convert one channel digital video and two channel analog audio to one embedded SDI effectively
- Adopt 3-pin as audio interface
- Support 525i30 and 625i25
- 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
Max cable length:	<200m (Belden8281)

Digital Video Output:

Output interface:	2*SDI, BNC connector
Impedance:	75ohms
Format:	SMPTE 259M-C; 270Mb/s
Jitter:	<0.2UI
Amplitude:	800mV ± 5%

Analog Audio Input:

Input 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