

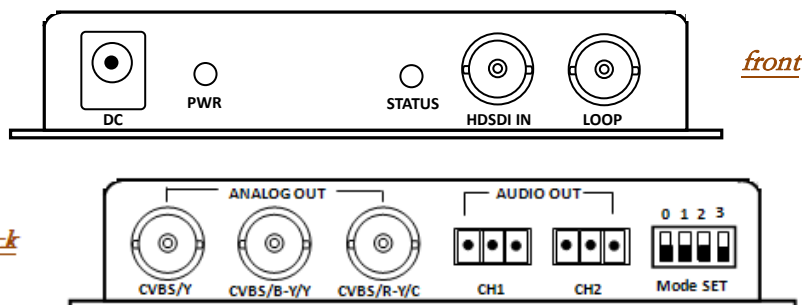
### Description

Based on Mini BOX platform, MIO-ENC-HD-AUD is a small converter which can change HD/SD-SDI to analog video and two channel analog audio. The converted analog video can be CVBS/YUV/YC optionally, also NTSC/PAL/SECAM are supported.

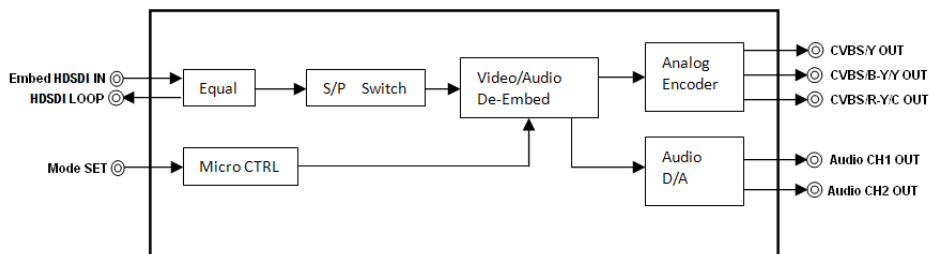
It's reliable to extend more devices by the loop interface. The lights on the Mini box indicate the states of source signal and power, so as to let the user know the information immediately.

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



### Ordering Information

<b>MIO-ENC-HD</b>	HD/SD-SDI to analog video converter
<b>MIO-DEC-HD</b>	Analog video to HD/SD-SDI video converter
<b>MIO-ENC-HD-AUD</b>	HD/SD-SDI to analog video and dual analog audio output converter
<b>MIO-DEC-HD-AUD</b>	Analog video and dual analog audio to HD/SD-SDI video converter

### Key Features

- Convert HD-SDI to analog video with two channel analog audio effectively, CVBS/YUV/YC are optionally
- Support NTSC/PAL/SECAM
- Adopt 3-pin as audio interface
- Broadcast quality with 10 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

### Specification

#### Digital Video Input:

Input interface:	1*HD/SD-SDI, BNC connector
Impedance:	75ohms
Format:	SMPTE 292M; 1.5Gbit/s

#### Analog Video Output:

Output interface:	1*CVBS, BNC connector 3*Analog Video (CVBS/YUV/YC optional)
Impedance:	75ohms

#### Analog Audio Output:

Output interface:	2*3pin, (balanced)
Impedance:	600ohms

#### Digital Video Output:

Output interface:	1*HD/SD-SDI, BNC connector
Impedance:	75ohms
Format:	SMPTE 292M; 1.5Gbit/s SMPTE 259M-C; 270Mb/s

#### 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