

EMBSDI to analog video and dual analog audio converter

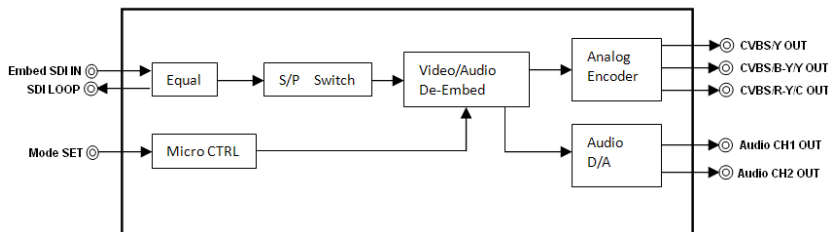
Based on Mini BOX platform, MIO-ENC-AUD converts SDI to analog video and two channel analog audio. The converted analog video can be CVBS/YUV/YC optionally, also NTSC/PAL are supported.

It's reliable to extend more devices by the loop interface. The LED lights indicate the status of input signal and power. Be known for compact function, the converter is widely used in variety of environments, like TV program post production, studio, broadcast, etc.



Key Features

- Convert SDI to analog video and two channel analog audio effectively, CVBS/YUV/YC are optionally
- Support NTSC/PAL
- Broadcast quality with 10 bit processing
- Adjust the work parameter by DIP Coder on side of box
- LED lights indicate the statues of input signal and power



Technical Specification

Digital video input:

Input interface: 1*SDI, BNC connection 75Ω

Digital video output:

Output interface: 1*SDI-LOOP, BNC connection 75Ω

Format: SMPTE 259M-C; 270Mb/s

Eye pattern: 800mV ±10%

Rise time: 750~1500PS (20%-80%)

Fall time: 750~1500PS (20%-80%)

The difference between rise and fall: ≤500PS

Jitter: <0.2UI

Analog video Output:

Output interface: 3*BNC connection (Can be set as CVBS/YUV /YC output mode)

Impedance: 75Ω

Analog audio output:

Output interface: 2*3pin (Balanced)

Impedance: 600Ω

Status indicator:

Input signal status indicator ;

Power indicator (Indicate by shining or extinguishing of the green LED)

Ordering information

MIO ENC	SDI video to analog video converter
MIO DEC	Analog video to SDI video converter
MIO ENC -AUD	SDI to analog video and audio converter
MIO DEC-AUD	Analog video and audio to SDI video converter
MIO ENC -HD-AUD	HDSDI to analog video and audio converter
MIO DEC-HD-AUD	Analog video and audio to HDSDI video converter

Power consumption:

Power: 12VDC 1 A

Dimension: 123mm*92mm*29mm