

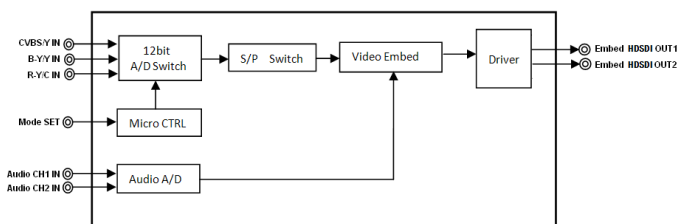
Based on Mini BOX platform, MIO-DEC-HD-AUD is a small converter which can change analog video with two channel analog audio to embedded HD-SDI. The analog video can be CVBS/YUV/YC optionally, also 525i30 and 625i25 are supported.

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.

Function characteristics

- Support analog video to HD-SDI conversion (CVBS/YUV/YC optional)
- Support 525i30 and 625i25.
- Adopt 3-pin as audio interface
- Broadcast quality with 10 bit processing and 48KHz sampling
- Adjust the work parameter by DIP Coder on side of box
- 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

Principle diagram and connect Interface



TBA!

Specification parameter

Analog Video Input:

Input interface: 3* BNC connector
(CVBS\YC\YUV optional)

Impedance: 75 ohms

Digital Video Output:

Output interface: 2*HD/SD-SDI, BNC connector

Impedance: 75 ohms

Format: SMPTE 259M-C; 270Mb/s
SMPTE 292M; 1.5Gbit/s

Amplitude: 800mV ± 10%

Jitter: <0.2UI(100kHz)

Analog Audio Input:

Input interface: 2*3pin (balanced)

Impedance: 600ohms

Status Indication:

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

Physics:

Dimension: 124.5mm x 116.5mm x 30mm

Power: DC 12V, 1.0A

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 dual analog audio converter |
| MIO-DEC-AUD | Analog video and dual analog audio to SDI video converter |