MID ENG

SDI to analog video converter

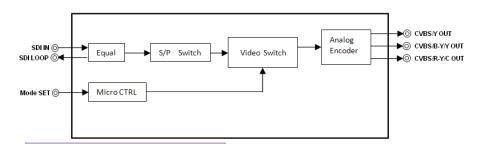


Based on Mini BOX platform, MIO ENC converts SDI signal to analog video signal. The analog video output can be selected as the output mode of CVBS, YUV, or YC optionally via DIP switch, also NTSC/PAL for output are supported. MIO ENC provides auto-sensing input format of 525i6o/625i5o.

It provides SDI-Loop output to extend other application. 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 effectively with high quality
- CVBS/YUV/YC are selected optionally by DIP Switch on side of box
- Support NTSC/PAL for output
- Broadcast quality with 10 bit processing
- LED lights indicate the statues of input signal and power









Technical Specification

Digital video input:

Input interface: 1*SDI, BNC connection 75Ω

Format: 525i 60/ 625i 50

Jitter: <0.2UI

Analog video Output:

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

Impedance: 75Ω

Digital video output:

Output interface: 1*SDI-Loop, BNC, 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

Status indicator:

Input signal status indicator;

Power indicator (Indicate by shining or

extinguishing of the green LED)

Power consumption:

Power: 12VDC 1 A

Dimension: 123mm*92mm*29mm

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

3G/HD/SD to analog video and audio converter

MIO DEC-HD-AUD

Analog video and audio to 3G/HD/SD video converter



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