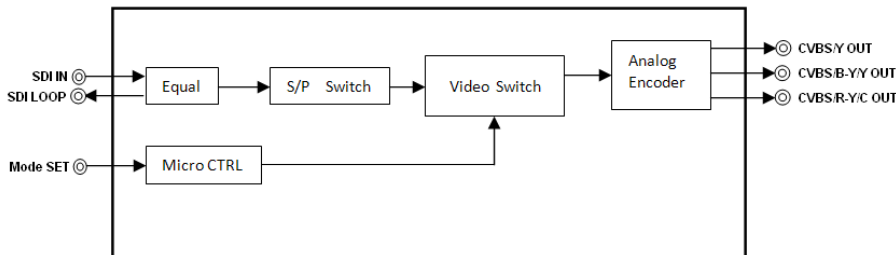


Based on Mini BOX platform, MIO ENC converts SDI signal to analog video signal. The analog video output can be selected as the output mode of CVBS, YUV, or YC optionally via DIP switch, also NTSC/PAL for output are supported. MIO ENC provides auto-sensing input format of 525i60/625i50.

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 statuses 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: 800V±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)

### Ordering information

<b>MIO ENC</b>	SDI video to analog video converter
<b>MIO DEC</b>	Analog video to SDI video converter
<b>MIO ENC -AUD</b>	SDI to analog video and audio converter
<b>MIO DEC-AUD</b>	Analog video and audio to SDI video converter
<b>MIO ENC-HD-AUD</b>	3G/HD/SD to analog video and audio converter
<b>MIO DEC-HD-AUD</b>	Analog video and audio to 3G/HD/SD video converter

#### Power consumption:

Power: 12VDC 1A

Dimension: 123mm\*92mm\*29mm