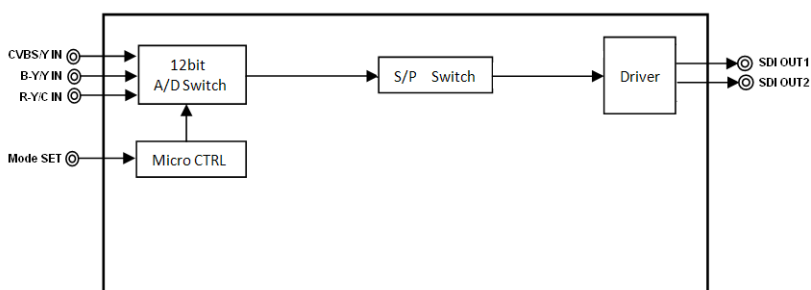


MIO DEC is a small analog video to SDI video converter. The MIO DEC converts one channel optional CVBS/YUV/YC analog video to two identical channels of SDI video. The format of input signal can be NTSC or PAL. The output supports SDI video in 525i 60 & 625i 50 format.

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

- Analog video (CVBS/YUV/YC) to SDI video conversion
- Select the analog input (CVBS/YUV/YC) by DIP Switch
- Broadcast quality with 12 bit processing
- LED lights indicate the status of input signal and the power
- Be widely used in variety of environments



Technical Specification

Analog video input:

Input interface: 3*BNC connection
(Selectable CVBS/YUV/YC input model)

Impedance: 75Ω

System: PAL/NTSC

Max cable length: 200M (Belden 8281)

Digital video output:

Output interface: 2*SDI, BNC connection

Impedance: 75Ω

Format: SMPTE 259M-C ; 270Mb/s
525i60/625i50

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

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

Status indicator:

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

Power consumption:

Power: 12VDC 1A
Dimension: 123mm*92mm*29mm