

Module Image



Description

MVS-HD is high-quality interface which provides up to 4 video signal inputs. It supports HD/SD digital video auto-sensing input. There is an audio/tally interface co-operated with a mini audio and tally input module that offers 1 audio channel for each analog video input and tally display for each video signal.

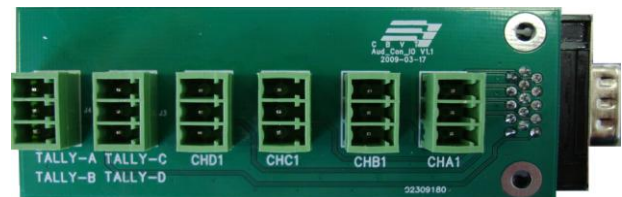
Various detection are applied for this module, such as audio silence detection, audio overload detection, video freezing detection, EDH detection

Interface

The rear of input module



The mini audio and tally input module



Specifications

Signal Video Input:

Interface: 4*HD/SD-SDI, BNC

HD-SDI input:

Impedance: 75 ohms

HD: SMPTE 292M; 1.485, 1.485/1.001Gb/s

720p 23.98/24/25/29.97/30/50/59.94/60;

1080i 50/59.94/60;

1080p 23.98/24/25/29.97/30/50/59.94/60;

Return Loss: > 15dB, 5MHz to 1.5GHz

SD-SDI Input

Impedance: 75 ohms

Signal type: SMPTE295M (525/625 lines)

Return Loss: >15 dB to 270 MHz

Signal Level: 800mV $\pm$ 10%

Overshoot: < 80mV

Jitter: < 740ps

Rising and Falling Time: < 1500ps

Rising and Falling Time Different: < 500ps

DC Level: 0V $\pm$ 500mV

Audio Input

Input interface: 3-pin connector balanced

Input impedance: 600 Ω

Maximum input level: +24dBu (0dbFS)

Sampling: 48 KHz

Frequency response: < $\pm$ 0.04dB @ 20Hz to 20 KHz

SNR: >80dB

Tally input:

Input interface: 3-pin