

HD-3000

Dual Channel HD-SDI Adapter

The HD-3000 converts SD/HD-SDI (SD, HD and 3G) signal to HDMI for driving HDMI monitors. The HD-3000 provides re-clocked loop through outputs for “daisy chaining” multiple monitors or other equipments to the same HD-SDI source. It also supports embedded audio.

Fully compliant with the SMPTE 259M-C, SMPTE 292M, SMPTE 424M, 425M standards.

Supported Mode :

576i50 (PAL)
 480i60 (NTSC)
 720p60 (4:2:2)
 720p59.94 (4:2:2)
 720p50 (4:2:2)
 720p30 (4:2:2)
 720p29.97 (4:2:2)
 720p25 (4:2:2)
 1035i60 (4:2:2)
 1035i59.94 (4:2:2)
 1080p30 (4:2:2)
 1080p29.97 (4:2:2)
 1080p25 (4:2:2)
 1080p24 (4:2:2)
 1080p23.98 (4:2:2)
 1080psf30 (4:2:2)
 1080psf25 (4:2:2)
 1080psf24 (4:2:2)
 1080psf23.98 (4:2:2)
 1080i60 (4:2:2)
 1080i59.94 (4:2:2)
 1080i50 (4:2:2)
 1080p60 (4:2:2)
 1080p50 (4:2:2)

Features

1. Supports 1.5Gbits & 3Gbits bit rate input signal support.
2. Dual channels input port supported.
3. HD-SDI re-clock loop through output
4. HDMI (v1.3) x 2 output port
5. Stereo embedded audio support
6. On-board power on/off switch

Power Requirements

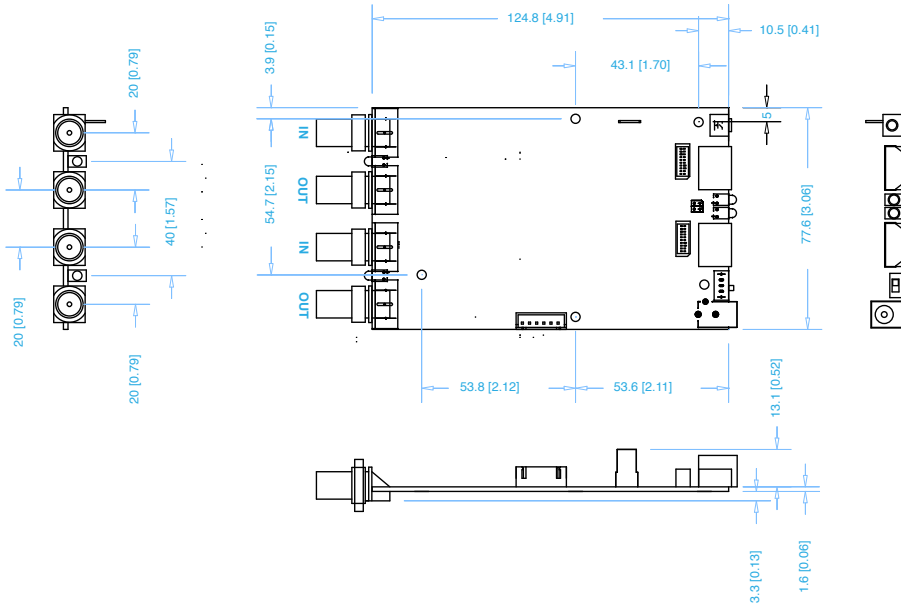
+12VDC ±5%, 5W



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Mechanical Drawing



Connector Definitions

J1	SD/HD-SDI 1 Input
J2	SD/HD-SDI 2 Input
J3	SD/HD-SDI 1 re-clock loop through output
J4	SD/HD-SDI 2 re-clock loop through output
CN1	RS-232 & I2C control connector
CN2	Reserved for programming use
CN3	Reserved for programming use
CN4	External I/O connector
CN5	Reserved for programming use
HDMI1	HDMI 1 Output
HDMI2	HDMI 2 Output
HDMI1A	Alternate HDMI 1 Output
HDMI2A	Alternate HDMI 2 Output
PP1	Power Input (Alternate)
PP3	Power Input
S1	Alternate power on/off switch connector
SW1	Power on/off slide switch
SW3	No function
GND	Ground blade
LED1	Status LED
LED2	Status LED
LED3	Status LED
LED4	Status LED

Ordering Options

P/N 4160160XX-3	HD-3000
P/N 426008800-3	Male DVI Extention cable, 460mm

3D Drawings (SLDPRT)

Save time and effort for your system volumetric analysis design. Includes jpg file previews.

Please download at
<http://www.digitalview.com/accessories/hd-3000>

Available Resources

- > Instruction Manual
- > Revision Control Documentation**
- > Firmware Upgrade Manual**
- > Mechanical Drawing
- ** Available on Request

Controller Solution Generator

A web based resource matching controllers & panels with connection diagrams for download. Please go to <http://www.digitalview.com/csg>

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