

MEDIASYNERGY NEB

Model Number : MS-NEB



- Ingest video via HD/SD-SDI, DVI-D or Composite and encode to H.264 in real time for streaming
- Ingest embedded audio in HD/SD-SDI stream or analog stereo audio
- Monitor selected video and audio input source using DVI-output and analog audio output
- Support unicast streaming (max nine streams simultaneously) and multicast streaming
- Encoded H.264 stream can be copied in external USB hard disk drive.
- Compact 2U half rack size

» Specifications

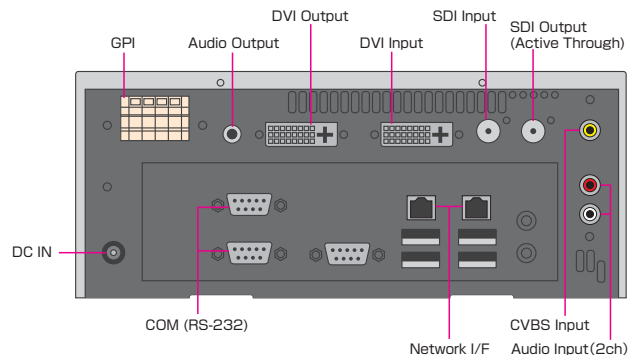
SDI Input	Format	1920×1080/59.94i, 1280×720/59.94p, 720×480/59.94i
	Standard	HD-SDI 10bit (SMPTE 292M) SD-SDI 10bit (SMPTE 259M-C)
	Terminal	BNC×1
SDI Output	Format	Active through output of HD/SD-SDI Input *Output signal is available in powered-on
	Terminal	BNC×1
DVI Input	Format	1920×1080/59.94i, 1280×720/59.94p, 720×480/59.94i
	Type	HDCP Unsupported
	Terminal	DVI-D×1
Analog Video Input	Format	NTSC
	Terminal	BNC×1
DVI Output	Format	Monitor output of input video to be encoded The video format is followed to the input.
	Terminal	DVI-D×1
Digital Audio Input	Format	SDI Embedded Audio (SMPTE 299M/272M-A) (2 channels of ch1 and ch2)
	Terminal	
Analog Audio Input	Type	Unbalanced 2 channels
	Terminal	RCA Jack×2 (ch1: white, ch2: red)
Analog Audio Output	Type	Unbalanced 2 channels
	Terminal	φ3.5mm Stereo Jack x 1
Network I/F	Type	10Base-T, 100Base-TX, 1000Base-T
	Terminal	RJ-45×2
COM Port	Type	RS-232C
	Terminal	D-Sub 9pin (male)×2
USB	Type	USB2.0
	Terminal	Front: Type A×1, Rear: Type A×4
GPI	Type	2 Port
	Terminal	4 Pin×1 (IN1, GND, IN2, GND)

Supply Voltage	AC Adapter Input: AC100V (50/60Hz) DC Input: DC12V 2.3A
Operational Temperature	5 - 40°C (without condensation)
Power Consumption	32W (including 1port USB power consumption (5V 0.5A))
Dimensions	212.0(W)×88.0(H)×314.0(D) mm
Weight	2.65Kg

» Streaming Data Specifications

Video Compression	ISO/IEC14496-10(H.264/AVC) High Profile Level 4.0
Resolution	1920×1080/59.94i, 1440×1080/59.94i, 1280×720/59.94p, 720x480/59.94i
Video Bitrate	1920×1080/59.94i: 6Mbps - 24Mbps (High Profile Level 4.0)
	1440×1080/59.94i: 5Mbps - 24Mbps (High Profile Level 4.0) (The input video resolution is 1920x1080)
	1280×720/59.94p: 4Mbps - 24Mbps (High Profile Level 4.0)
	720×480/59.94i: 2Mbps - 10Mbps (Main Profile Level 3.0)
GOP Structure	IBBP (Closed GOP)
Audio Compression	MPEG-1 Audio Layer2 2ch Audio sampling frequency: 48kHz
Audio Bitrate	64k, 96k, 128k, 192kbps, 256k, 320k, 384kbps
Multiplexer	ISO/IEC13818-1+Amd3 MPEG2 Transport Stream

» Backside Panel



The specifications and/or appearance of the products are subject to change without prior notice.

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