

AVC/H.264 Compact IP Encoder/Decoder

MVE5000 / MVD5000

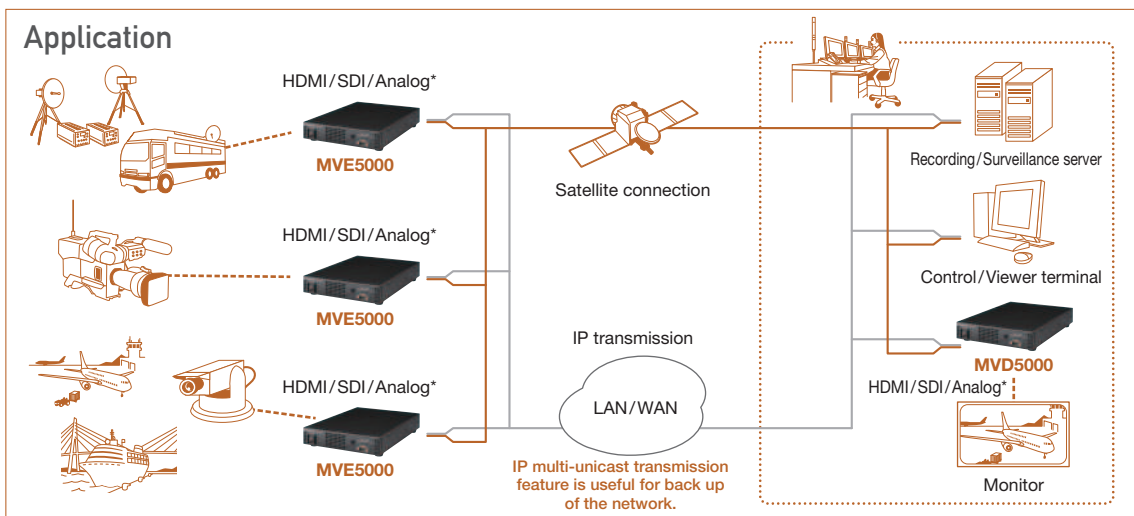
**1U Half-rack
Low bit rate
with Low latency**



High picture quality, Low latency, Low bit rate with 1U half-rack size for IP transmission

Superior quality and performance using NTT Electronics's cutting edge LSI. Compact 1U half-rack size, suitable for the Flyaway or the small OB van.

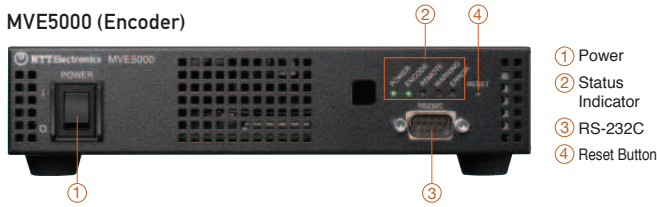
- NTT Electronics' High Performance In-House Single Chip LSI
 - Inherits the high picture quality cultivated by contribution applications
- 3 Frame Super Low Latency (Software option)
- Multiple Interface
 - Video I/O: HD/SD-SDI, HDMI, Analog Composite (Analog Model)
 - Audio I/O: SDI embedded Audio, HDMI embedded Audio, Analog (Analog Model)
 - Stream I/O: IP (100Base-TX/1000Base-T), DVB-ASI (ASI Model)
- Strengthening Network Function
 - 2 IP streams output from one port (Unicast/Multicast)
 - Supports IPv4/v6, FEC, ARQ which enables high quality video transmission using IP network
- Supports Surveillance Solution
 - Enables to Remotely Control Camera, Sensor through RS-232C Pass Through Function
 - Account Management, Superimpose function
- Compact 1U Half-rack



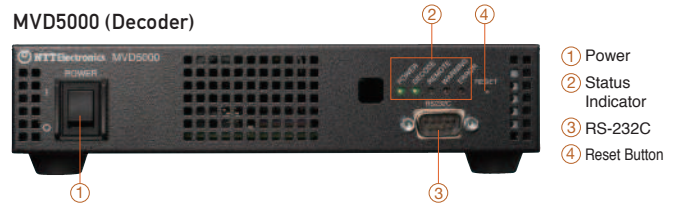
*Analog Model

Front Panel

MVE5000 (Encoder)



MVD5000 (Decoder)

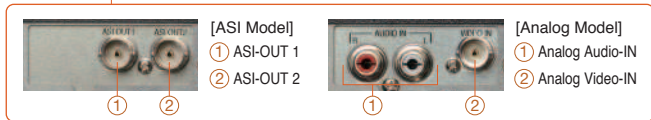
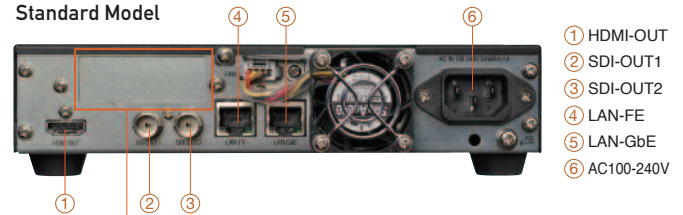


Rear Panel

MVE5000 (Encoder) Standard Model



MVD5000 (Decoder) Standard Model



Specifications

Category	Encoder	Decoder	Specification		
			Standard Model	Analog Model	ASI Model
Video	Input Format	Output Format	HD-SDI (SMPTE292M), SD-SDI (SMPTE259M), HDMI (HDCP non-compliant)		
	Encoding Format	Decoding Format	MPEG-4 AVC/H.264 Profile: High, Main Level: 4.0/3.2		
	Video Format		1080i: 1920 x 1080, 1440 x 1080 720p: 1280 x 720 576i: 720 x 576 480i: 720 x 480		
	Frame Rate		1080i: 25/29.97 (SMPTE274M) 720p: 50/59.94 (SMPTE296M) 576i: 25 (ITU-R BT.656-4) 480i: 29.97 (SMPTE125M)		
Audio	Input Format	Output Format	SDI Embedded Audio HDMI Embedded Audio		
	Encoding Format	Decoding Format	MPEG-1 Audio Layer II (2ch) MPEG-2 AAC (2ch, 5.1ch)*		
System	Output Stream Type	Input Stream Type	MPEG-2 TS, MPEG-2 TTS (IP only)		
	Output Interface	Input Interface	IP		IP, DVB-ASI
	Max. Output TSPRate	Max. Input TSPRate	Encoder: 50Mbps, Decoder: 80Mbps		
Network	Interface		LAN-GbE 100/1000BASE-T (RJ-45), LAN-FE 10/100BASE-TX (RJ-45)		
	Transmission		RTP/UDP/IP, Unicast/Multicast		
	Network		IPv4/IPv6, SNTP, PPPoE		
	FEC		ProMPEG FEC, ARQ		
Control	Interface		Power ON/OFF Key, RESET Button LAN-GbE 100/1000BASE-T (RJ-45) , LAN-FE 10/100BASE-TX (RJ-45)		
	Equipment control		Web GUI, SNMP		
Other features			Text Impose Feature, IP2 Stream, RS-232C Pass Through		
Dimensions, Weight			W210 x D300 x H44 (mm) Not including protrusion, 2.6kg/5.73lb or less		
Power Source			AC100 - 240V, 50Hz/60Hz		
RoHS Compliant			This product is RoHS compliant		

*Software Option **Orange** - These functions will be provided later by software update.

Caution In order to ensure correct and safe use, please be sure to read the User's Guide beforehand.
 Do not install in locations exposed to water, humidity, steam, dust, or mist. Doing so could cause fire, electric shock, or equipment failure.

Features and specifications are subject to change without prior notice.
 When exporting our products or technologies, please comply with the Foreign Exchange and Foreign Trade Laws.



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