

AVC/H.264 Compact IP Encoder/Decoder

# MVE5000 / MVD5000

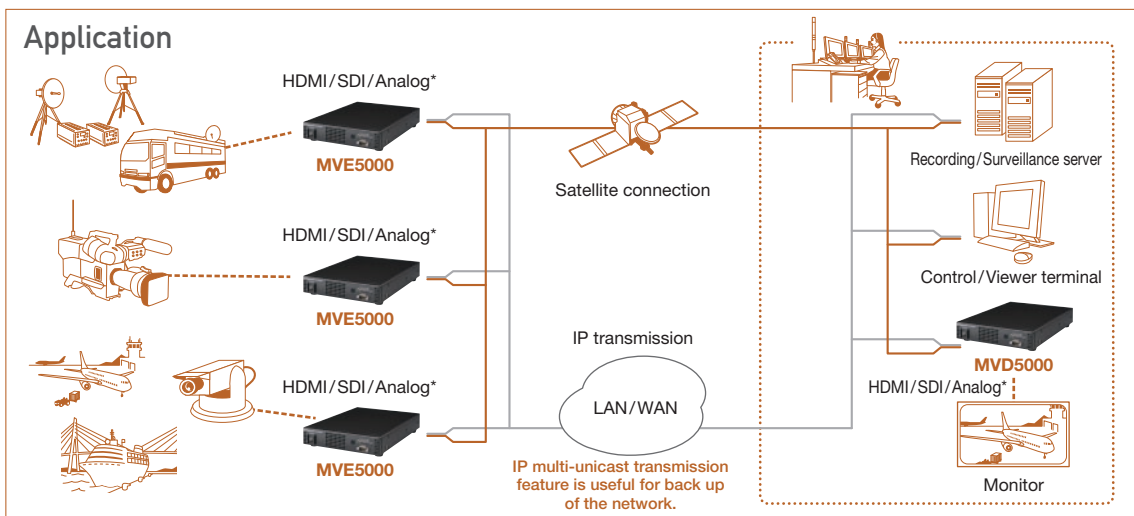
**1U Half-rack  
Low bit rate  
with Low latency**



**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.

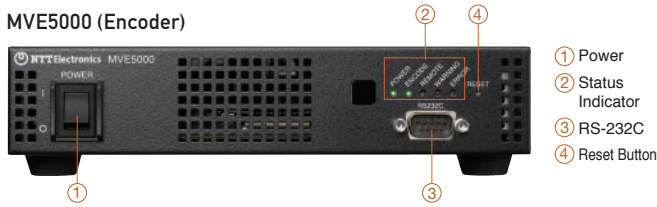
- NTT Electronics' High Performance In-House Single Chip LSI
  - Inherits the high picture quality cultivated by contribution applications
- 3 Frame Super Low Latency (Software option)
- Multiple Interface
  - Video I/O: HD/SD-SDI, HDMI, Analog Composite (Analog Model)
  - Audio I/O: SDI embedded Audio, 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



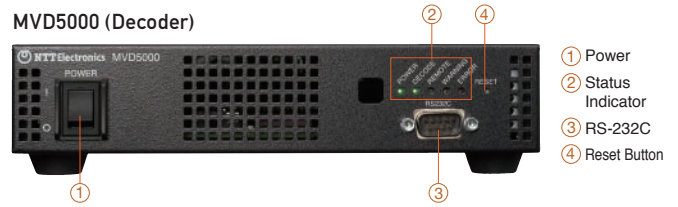
\*Analog Model

## Front Panel

MVE5000 (Encoder)

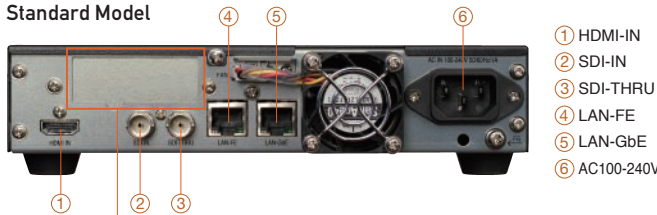


MVD5000 (Decoder)

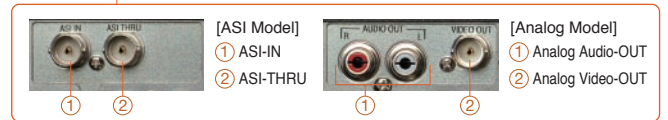
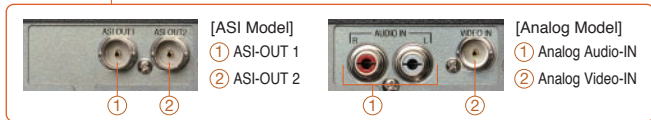
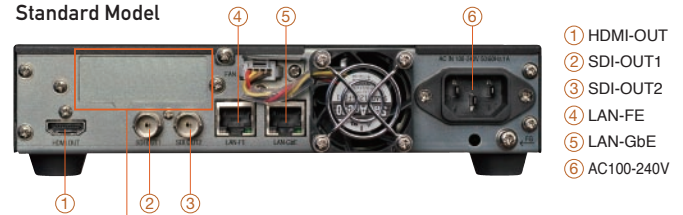


## Rear Panel

MVE5000 (Encoder)  
Standard Model



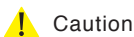
MVD5000 (Decoder)  
Standard Model



## Specifications

Category	Encoder	Decoder	Specification		
			Standard Model	Analog Model	ASI Model
Video	Input Format	Output Format	HD-SDI (SMPTE292M), SD-SDI (SMPTE259M), <b>HDMI (HDCP non-compliant)</b>		
	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: <b>1280 x 720</b> 576i: 720 x 576 480i: 720 x 480		
	Frame Rate		1080i: 25/29.97 (SMPTE274M) 720p: <b>50/59.94 (SMPTE296M)</b> 576i: <b>25 (ITU-R BT.656-4)</b> 480i: 29.97 (SMPTE125M)		
Audio	Input Format	Output Format	SDI Embedded Audio <b>HDMI Embedded Audio</b>		
	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), <b>LAN-FE 10/100BASE-TX (RJ-45)</b>		
	Transmission		RTP/UDP/IP, Unicast/Multicast		
	Network		IPv4/ <b>IPv6</b> , SNTP, <b>PPPoE</b>		
	FEC		ProMPEG FEC, <b>ARQ</b>		
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, <b>SNMP</b>		
Other features			Text Impose Feature, IP2 Stream, <b>RS-232C Pass Through</b>		
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.



## NTT Electronics Corporation

Overseas System Business Department

New Stage YOKOHAMA, 1-1-32 Shin-urashimacho,  
 Kanagawa-ku, Yokohama-shi, Kanagawa 221-0031, Japan

TEL: +81-45-414-9180

FAX: +81-45-453-9710

E-mail: sys-info-w@ntt-el.com

URL: <http://www.ntt-electronics.com/en>

Sales Agent

