

# MVE 5000 / MVD 5000

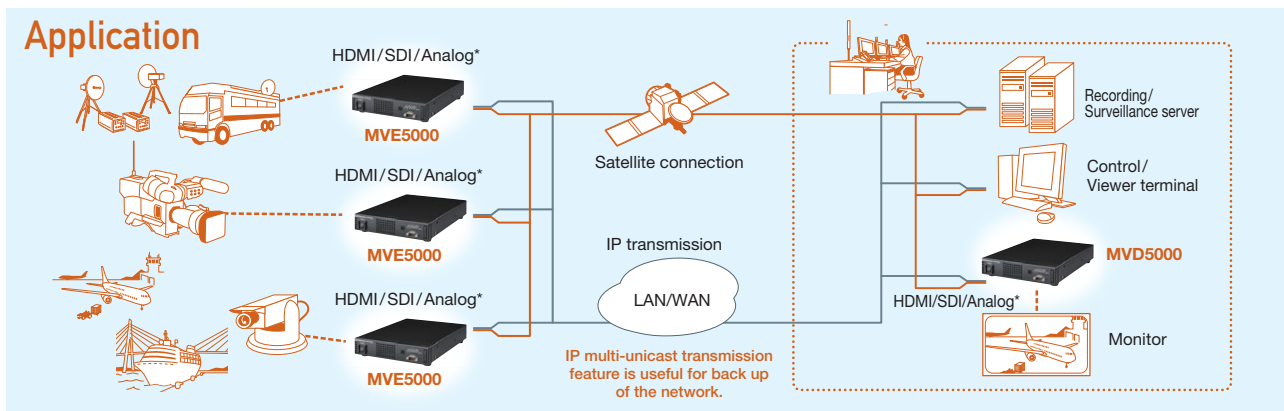
## 1U Half-rack Low bit rate with Low latency



### 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.

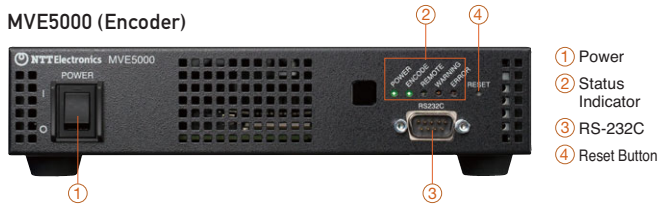
- NTT Electronics' High Performance In-House Single Chip LSI
  - Inherits the high picture quality cultivated by contribution applications
- 3 Frame Super Low Latency (Software option)
- Multiple Interface
  - Video I/O : HD/SD-SDI, HDMI, Analog Composite (Analog Model)
  - Audio I/O : SDI embedded Audio,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



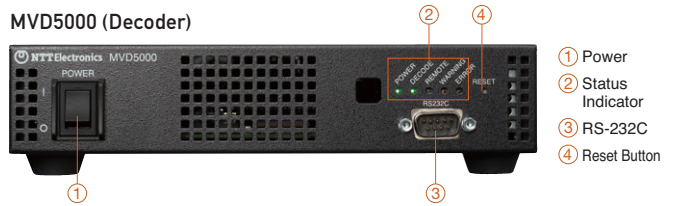
\*Analog Model

## Front Panel

MVE5000 (Encoder)

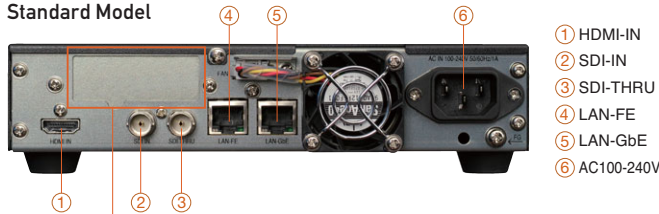


MVD5000 (Decoder)

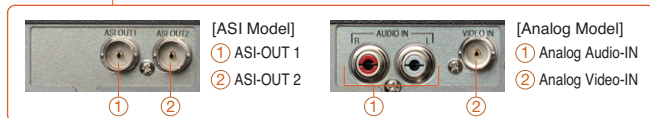
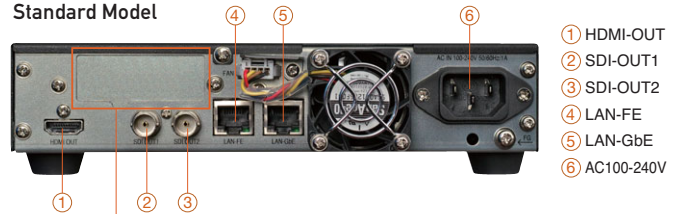


## Rear Panel

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	Analog Composit (NTSC/PAL)			
	Video Format		MPEG-4 AVC/H.264 Profile: High, Main Level: 4.1/4.0/3.0			
	Frame Rate		MPEG-2 Video <b>HD: MP@HL SD: MP@ML (decode only) *</b>			
Audio	Input Format	Output Format	1080i: 1920/1440/1280/960x1080	720p: 1280/960/640 x 720	576i: 720/352 x 576	480i: 720/352 x 480
	Encoding Format	Decoding Format	1080i: <b>25/29.97 (SMPTE274M)</b>	720p: <b>50/59.94 (SMPTE296M)</b>	576i: <b>25 (ITU-R BT.656-4)</b>	480i: 29.97 (SMPTE125M)
			SDI Embedded Audio <b>HDMI Embedded Audio (2ch only)</b>			
System	Output Stream Type	Input Stream Type	Analog Audio: RCA			
	Output Interface	Input Interface	MPEG-1 Audio Layer II (2ch) <b>max. 2PES *2</b>			
	Max. Output TSPRate	Max. Input TSPRate	MPEG-2 AAC (2ch, 5.1ch) * max. 1PES			
Network	Interface		MPEG-2 TS, MPEG-2 TTS (IP only)			
	Transmission		IP			
	Network		IP, DVB-ASI			
	FEC		Encoder: 50Mbps, Decoder: 80Mbps			
Control	Interface		LAN-GbE 100/1000BASE-T (RJ-45), <b>LAN-FE 10/100BASE-TX (RJ-45)</b>			
	Equipment control		RTP/UDP/IP, Unicast/Multicast			
Other features			IP v4/IP v6, SNTR, <b>PPPoE</b>			
Dimensions, Weight			ProMPEG FEC, <b>ARQ</b>			
Power Source			Power ON/OFF Key, RESET Button, LAN-GbE 100 /1000BASE-T (RJ-45), LAN-FE 10/100BASE-TX (RJ-45)			
RoHS Compliant			Web GUI, <b>SNMP</b>			
			Superimpose, IP 2Stream, <b>RS-232C Pass Through</b>			

\*Software Option **Orange** - These functions will be provided later by software update.  
 \*2 Maximum 2PES is available only when you set MPEG-1 Audio Layer II. (Stereo x 2)



- 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.

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