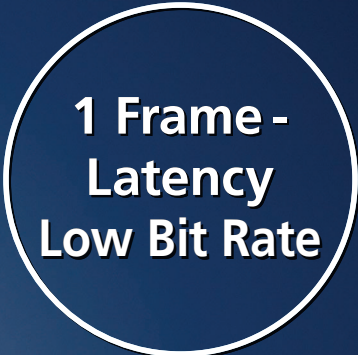


AVC/H.264 HDTV/SDTV Encoder

**HVE9200**


**1 Frame -  
Latency  
Low Bit Rate**

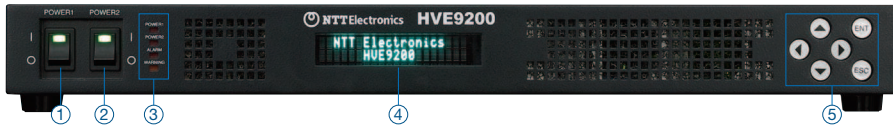


## Next generation quality and performance by NTT Electronics' New In-House LSI

HVE9200 has greatly enhanced the super low latency of 1 frame performance and the low bit rate to transmit SDTV image at 1.5Mbps and HDTV image at 3Mbps.

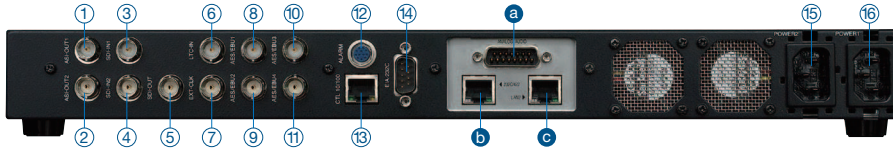
- Low Bit Rate Encoding
- Super Low Latency  
(1 Frame: Future Release)
- Redundant Power Supply
- Multiple video format compatibility including  
1080i, 1080p, 720p, 576i & 480i
- State-of-the-art performance of  
Award-winning HV9100 Series (High4:2:2  
Profile)
- Multiple Audio Format Support up to 4 x PES
- TS Over IP Support with FEC (COP#3)
- User Friendly Front Panel Operation
- Easier Network Maintenance with Built-In  
SNMP Functionality and Web based GUI
- Support BISS-1/E (optional)
- Quick Boot-up (15sec)
- RoHS Compliant
- Closed Caption (Future Release)

## Front Panel



- ① Power switch 1
- ② Power switch 2
- ③ Status LEDs
- ④ Display panel
- ⑤ Operator buttons

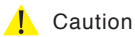
## Rear Panel



- ① ASI-OUT1
  - ② ASI-OUT2
  - ③ SDI-IN1
  - ④ SDI-IN2
  - ⑤ SDI-OUT
  - ⑦ EXT-CLK
  - ⑧ AES/EBU1
  - ⑨ AES/EBU2
  - ⑩ AES/EBU3
  - ⑪ AES/EBU4
  - ⑫ ALARM CTRL
  - ⑬ LAN1
  - ⑭ EIA-232C
  - ⑮ AC inlet 2
  - ⑯ AC inlet 1
- IP Interface (optional)
- a Analog Audio
  - b 232C/422
  - c LAN2

## Main Specifications

Category	Item	Specification
Video	Input Format	HD-SDI (SMPTE292M) SD-SDI (SMPTE259)
	Encoding Format	MPEG4 AVC/H.264
	Profile/Level	Profile: High422 (8bit), High, Main Level: 4.1/4.0/3.2/3.0
	Video Format	1080i: 1920/1440/1280/960 x 1080 1080p: 1920/1440/1280/960 x 1080 (optional) 720p: 1280 x 720 576i: 720/352 x 576 480i: 720/352 x 480
	Frame Rate	1080i: 25/29.97/30(SMPTE274M) 1080p: 23.96/24(SMPTE274M) (optional) 720p: 50/59.94/60 (SMPTE296M) 576i: 25 (ITU-R BT.656-4) 480i: 29.97 (SMPTE125M)
Ancillary Data	Input Format	Embedded Audio: 8ch (SMPTE299/272M) AES/EBU: 8ch Analog Audio: 4ch (optional)
	Encoding Format	MPEG-1 LayerII (1ch/2ch) MPEG-2 BC (1ch/2ch) Dolby Digital (1ch/2ch) (optional) SMPTE302M (2ch/4ch/6ch/8ch) {Max. 4PES up to 8ch} MPEG-2 AAC-LC (1ch/2ch/4ch/5.1ch/6ch) MPEG-4 AAC-LC (2ch/5.1ch) (optional) MPEG-4 HE-AACv1 (2ch/5.1ch) (optional) {Max. 2PES up to 8ch}
Ancillary Data	Data Type	TIMECODE, SMPTE334M, ARIB B22/B23
System	Output Stream Type	MPEG2-TS (188/204 byte)
	Output Interface	DVB-ASI, IP (optional)
	Max. Output Rate	HDTV 160Mbps/SDTV 50Mbps
Control	Internal Test Signal	Video: Color Bar Audio: 1kHz Sine wave
	Local Operation	Power ON/OFF, Front Control Key
	Remote Operation	SNMP, Web-GUI
Dimensions		W432 x D460 x H44 (mm)
Weight		6kg
Power Source		AC 100 - 240V, 50Hz/60Hz
Power Consumption		60W
RoHS Compliant		This products is RoHS compliant



### 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 Law.
- Dolby is a trademark of Dolby Laboratories.



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Sales Agent

