

AVC / H.264 Dual Channel Encoder

XVE9300

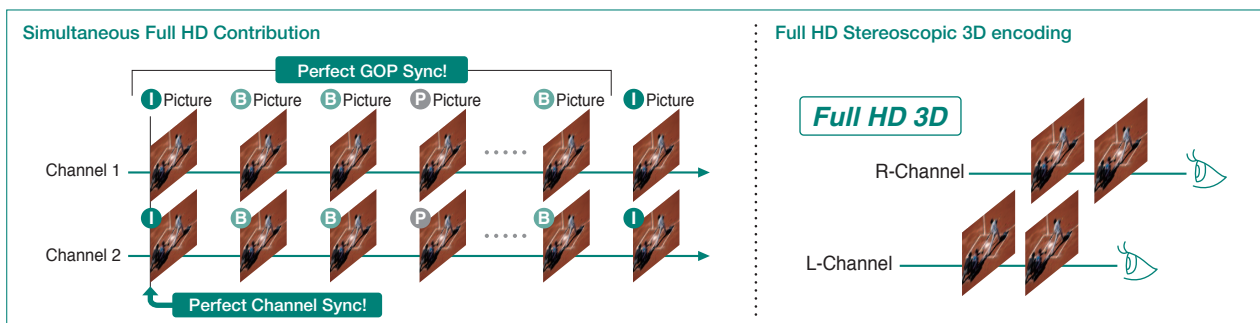
High Quality 3D
Dual Channel



Higher performance by next generation SARA2 chip Dual channel encoding with perfect GOP synchronization

- AVC/H.264 Full HD Stereoscopic 3D Contribution Encoder with built-in TS MUX
- Synchronous / Asynchronous Dual Channel Contribution Encoding with different bit rate*1
- Inherits performance of Award-winning HV9100 Series (High4:2:2 Profile)
- Guaranteed highest picture quality with more efficient compression than frame-compatible (Side-by-Side) format while maintaining Perfect Sync for both L and R channels
- Multiple audio format support up to 4 x PES (16 channels)
- TS Over IP Support with FEC (COP#3)
- Easy operation from front panel display with control buttons as well as SNMP and WEB GUI via IP Network
- Support BISS-1 / E (optional)
- Planned Future Expansion:
 - Dolby Digital*2 Pass-through
 - 480i (720 x 480) @29.97Hz: SMPTE125M
 - 576i (720 x 576) @25Hz: ITU-R BT.656-4
 - 1080/60p (4:2:0): SMPTE425
 - Ancillary Data: ARIB TR-B22/B23, TIMECODE, SMPTE334M

*1 Both channels must be the same video format. *2 Dolby is a trademark of Dolby Laboratories.

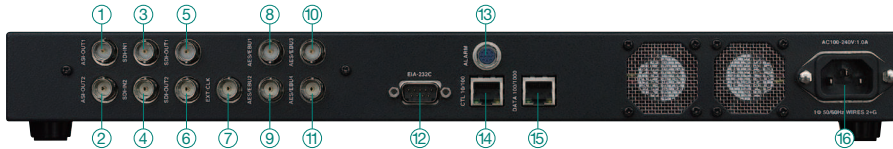


Front Panel



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

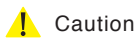
Rear Panel



- ① ASI-OUT1
- ② ASI-OUT2
- ③ SDI-IN1
- ④ SDI-IN2
- ⑤ SDI-OUT1
- ⑥ SDI-OUT2
- ⑦ EXT-CLK
- ⑧ AES/EBU1
- ⑨ AES/EBU2
- ⑩ AES/EBU3
- ⑪ AES/EBU4
- ⑫ EIA-232C
- ⑬ ALARM CTRL
- ⑭ CTL 10/100
- ⑮ DATA 100/1000
- ⑯ AC inlet

Main Specifications

		Specification
Video	Input Format	HD-SDI (SMPTE292M) BNC x 2 lines
	Encoding Format	MPEG-4 AVC/H.264
	Profile / Level	Profile: High4:2:2 (8bit) (optional), High, Main Level: 4.1 / 4.0 / 3.2
	Video Format	1080i: 1920/1440 x 1080, 1080p: 1920/1440 x 1080, 720p: 1280 x 720
	Frame Rate	1080i: 25/29.97/30 (SMPTE274M) 1080p: 24/23.98 (SMPTE274M) (optional) 720p: 50/59.94/60 (SMPTE296M)
Audio	Input Format	Embedded Audio: 16ch (SMPTE299M), AES/EBU: 8ch
	Encoding Format	MPEG-1 Audio Layer II (1ch/2ch) Max. 4PES MPEG-2 BC (1ch/2ch) Max. 4PES MPEG-2 AAC-LC (1ch/2ch/4ch/5.1ch/6ch) Max. 2PES (optional) MPEG-4 AAC-LC (2ch/5.1ch) Max. 2PES (optional) MPEG-4 HE-AACv1 (2ch/5.1ch) Max. 2PES (optional) SMPTE302M (2ch/4ch/6ch/8ch) Max. 2PES
System	Stream Type	MPEG-2 TS (188/204 byte)
	Output Interface	DVB-ASI: BNC x 2 lines, IP (optional)
	Max. Output Rate	160Mbps
	Max. Multiplicity	TS multiplexing: Video:2, Audio: Max. 4 TS non-multiplexing (per 1TS): Video:1, Audio:Max. 4 Only one stream: Video 1, Audio: Max. 4
Internal Test Signal		Video: Color Bar, Audio: 1kHz Sine wave
Control	Local Operation	Power ON/OFF, Front Control Key
	Remote Operation	SNMP, Web GUI
Dimensions		W432 x D460 x H44 (mm) (excluding protrusions)
Weight		6kg
Power Source		AC 100 - 240V, 50Hz/60Hz
Power Consumption		70W



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.



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

