

MPEG-2 to AVC/H.264 HDTV/SDTV Real-time Transcoder

HVT9100 *NEW***High Quality
Transcoding**

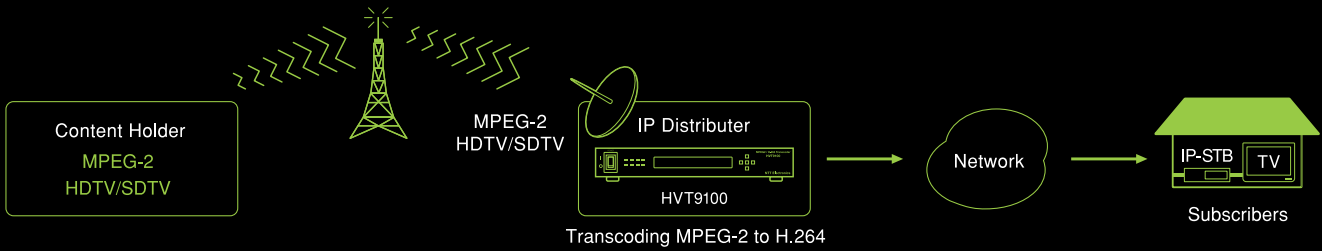
Real Time Transcoder from MPEG-2 to AVC/H.264

The HVT9100 transcode from MPEG-2 to AVC/H.264 to maintain superior quality picture, with minimal delay in real-time. It is ideal for transmitting HDTV video by IPTV, CATV or Satellite

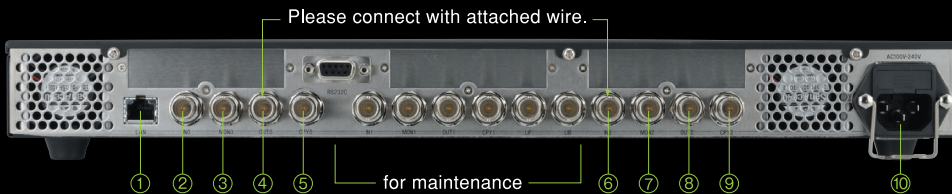
- Superior quality and performance using NTT Electronics's cutting edge SARAENC LSI
- Transcoding from MPEG-2 to AVC/H.264 format
- Deterioration of Picture Quality is reduced by the Inheritance Coding Technology
- Compatible with Various Video Formats
- Supports DVB-ASI Output
- User Friendly Front Panel Operation
- Audio Pass Through with Built In Lip-Sync Function
- RoHS Compliant

Application

For example, make use of either Internet or next-generation networks to distribute HD video to consumers. This transcoder enables low bit rate distribution of MPEG-2 HDTV content over networks.



Rear Panel



- ① LAN
- ② IN0 MPEG-2TS (DVB-ASI)
- ③ MON0 (Monitor Out for IN0)
- ④ OUT 0 (Digital Video Out)
- ⑤ CPY 0 (Copy OUT for OUT0)
- ⑥ IN2 (Digital Video In)
- ⑦ MON2 (Monitor Out for IN2)
- ⑧ OUT2 MPEG-2TS (DVB-ASI)
- ⑨ CPY2 (Copy Out for OUT2)
- ⑩ AC100V-240V

Main Specifications

Input	Interface	DVB-ASI(75ΩBNC) x 1, With Active Through
	Input stream type	MPEG-2 TS (188/204 byte)
	Input TS Bitrate	Max. 160 Mbps
	Video Bitrate	Max. 40 Mbps
	Video Input Format	MPEG-2 Video
	Video Profile/Level	MP@ML, MP@HL
	Video Format /Frame Rate	1080i (1920 x 1080, 1440 x 1080), 29.97 480i (720 x 480), 29.97
Audio / User Data (PES)	TS Pass Through	
Output	Interface	DVB-ASI (75ΩBNC) x 2,
	Output stream type	MPEG-2 TS (188/204 byte)
	Max. Output TS Rate	80 Mbps
	Max. Video Rate	25 Mbps
	Video Output Format	MPEG-4 AVC/H.264
	Video Profile/Level	Profile : High, Main Level : 4.0
	Video Format /Frame Rate	1080i (1920 x 1080, 1440 x 1080), 29.97 480i (720 x 480), 29.97
Audio / User Data (PES)	TS Pass Through	

Transcoding Function	Video Information	Encoding MPEG-2 stream to AVC/H.264 with assigned bitrate
	Audio Information	Pass through keeping transparency and synchronization.
	User Data (PES) Information	Pass through keeping transparency and synchronization.
Control	Remote Operation	SNMP, Web GUI
	Remote Operating Interface	LAN 10/100Base-T/TX
	Local Operation	Power ON/OFF, Front Control Key
Dimension		1U 19" Full-rack size (W432mm x D516mm x H44mm)
Weight (Typical)		8kg
Power Source		AC100~240V, 50Hz/60Hz
Power Consumption		Max. 100W
Environment		0~40°C, 20~80%RH

Caution

- In order to ensure correct and safe use, be sure to read the User's manual before use.
- 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 subject to change without notice for improvement.
 When exporting our products or technologies, you should comply with the "Foreign Exchange and Foreign Trade Law."



NTT Electronics Corporation

Multimedia Systems Division, Sales Department

9F Pacific Marks Yokohama East, 3-12 Sakae-cho
 Kanagawa-ku, Yokohama-shi, Kanagawa 221 0052, Japan
 TEL : +81 45 453 3685 FAX : +81 45 453 3635
 E-mail : mm_i@yoko.nel.co.jp
 URL : http://www.nel-world.com

Sales Agent

