



H.264/H.265(HEVC) NETWORK VIDEO DECODER (MODEL: VTB-ND200PD)



H265(HEVC) 4K HDMI/SDI/VGA/CVBS Network Video Decoder: An advance Network IP Video Decoder fully supported multiple streaming protocol decoding such as HTTP (TS) / RTMP / RTMPS / HLS / FLV / RTSP/ RTP/UDP (Unicast/Multicast) and latest inclusion of Secure Reliable Transport protocol (SRT) enable reliable video contribution and distribution decoding over unmanaged network - Internet. Added NDI® option on latest HW support.

IP Stream from VidTech's network encoder suite and VTCloud Live low latency streaming platform or streaming from any common media server platform can be easily setup and decoded as multiple output interface for various applications.

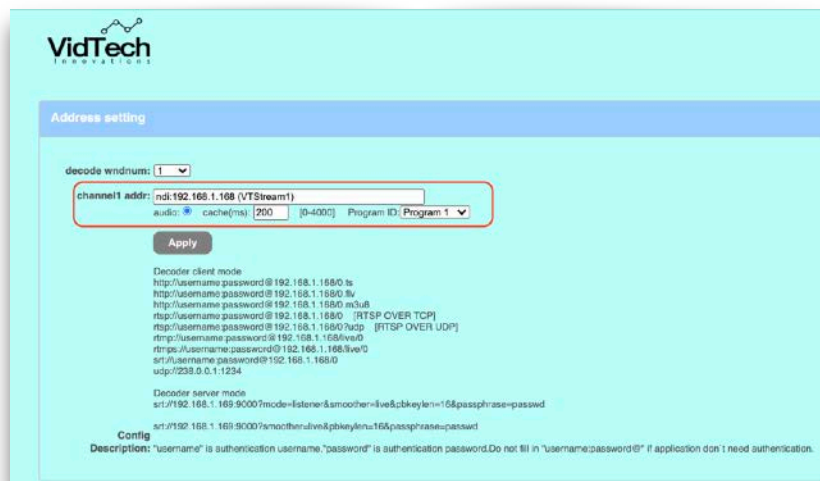


The decoder output interface included HDMI, SDI, VGA, CVBS and L/R stereo audio. Multi-streaming protocols and Multi-output interfaces support in this compact design device make this hardware decoder highly reliable and cost effective for deployment in various application such as broadcast IP video decoding, eSport streaming content to broadcast SDI/HDMI interfacing, eLearning, House of worship, multi-sites advertisement/signages display, long distance video delivery, town hall and corporate meeting, private event etc.



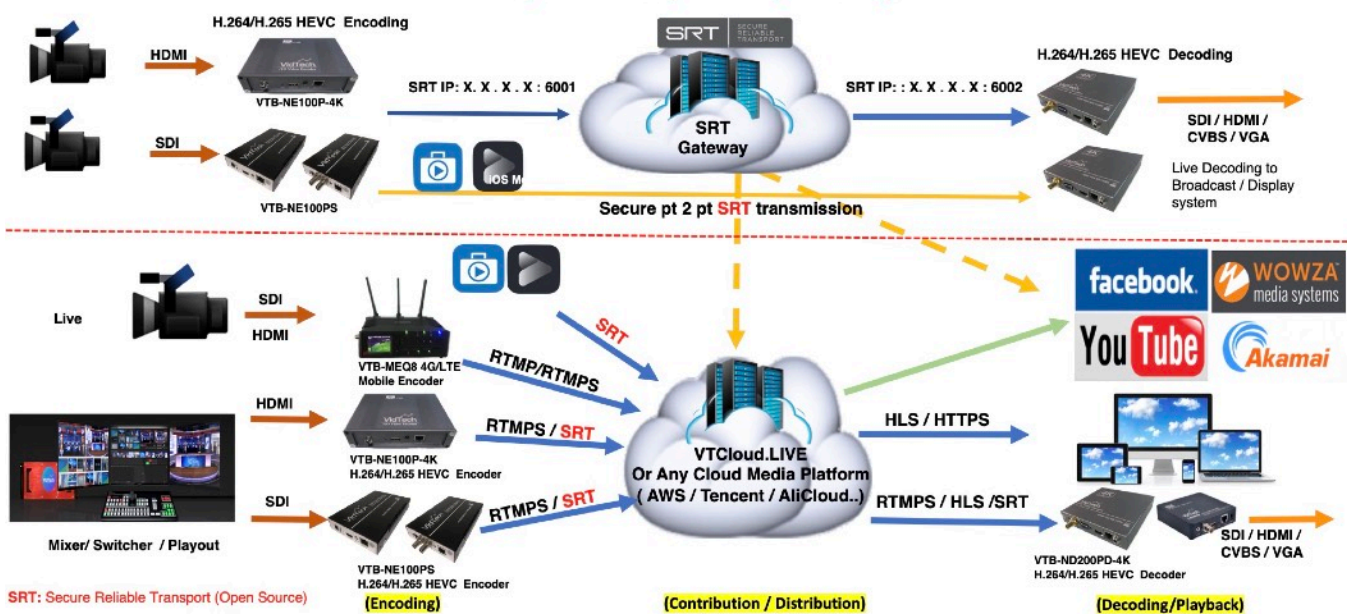
Product Features

- ❖ HW Based SoC System Solution, Reliable, Stable performance, 24/7 operation.
- ❖ Simple Web Control UI, (default IP 192.168.1.169)
- ❖ Supported HTTP(TS) / HLS / FLV / RTSP / RTMP(S) / RTP/UDP (Unicast/Multicast) and SRT streams decoding
- ❖ H.265(HEVC) / H.264(AVC) baseline /main / high profile decoding
- ❖ Up to 4K Resolution - 3840×2160@30fps, 1080P/1080I/720P@60FPS, etc
- ❖ Build in Text and Image insert as OSD output.
- ❖ Quart splits display allow up to 4 ch IP decoding.
- ❖ Customisable English/Chinese GUI Control
- ❖ Support remote control via router port forward.



Applications Workflow for cost effective Mixed Broadcast / New Media IP Streaming

Proven Super Low Latency Streaming Technology



CAPTION



Product Specification

Interface	
HDMI Output	3840*2160P@30 / 1440P@30 / 1080P@60 / 1080I@60 / 1080P@50 / 1080I@50 / 1080P30 / 1080P25 / 720P60 / 720P50 / 576P50 / 480P60 fps
SDI/VGA Output	1080P@60 / 1080I@60 / 1080P@50 / 1080I@50 / 1080P30 / 1080P25 / 720P60 / 720P50 / 576P50 / 480P60 fps
CVBS Output	PAL 720*576 & NTSC 720*480
Audio Output	HDMI /SDI embedded audio & External Analog audio
Ethernet	1000Mbps, RJ-45
Wi-Fi	Option – 2.4GHz

Video Decoding	
Video Format	H.264/AVC High/Main/Baseline Profile H.265/HEVC main profile MJPEG/ JPEG baseline
Video Resolution	Max 3840x2160@30fps, 1080P@60fps
Video Bitrate	0.1 ~ 32Mbps
Video FPS	1-60FPS for 1080P and below, 4K@30fps
Streaming Protocols	HTTP / HLS / FLV / RTSP / RTMP(S) / RTP/UDP (Unicast/Multicast)/ SRT / ONVIF / Opt-NDI®

Audio Decoding	
Audio Format	AAC/AAC+/AAC++/MP3/MP2/AC3 G711
Sample Rates	8000 / 11250 / 22500 / 44100 / 48000Hz
Audio Channels	L/R Stereo

System	
Access Control	Web Based Management – Default IP: 192.168.1.169
Language	English / Chinese Control interface
SW Update	Over Ethernet Software / Firmware upgrade



Working environment	
Operating Temperature	-10 to 70°C
Storage Temperature	-20 to 80°C
Relative Humidity	5% to 90% non-condensing
Others	
Dimension (L× W× H)	160 * 150 * 25mm
Approx. weight	450g
Power adapter	AC input 100-240V 50/60Hz DC output 12V 1A

General Application

- Professional Broadcast Video IP Delivery
- Internet TV (IPTV) contents acquisition.
- Internet Video conference front-end capture
- Digital Signage HD Streaming
- Education & Training.
- House of Worship
- Government Town-Hall distribution
- Network Streams Content Monitoring
- Video Turn-around monitoring.



Quad splits display on four IP streams decoding

Product Services

- ✓ Standard 12 Months Product Warranty.
- ✓ Standard Online, Remote Support with Warranty Period
- ✓ Extended Warranty and Service to be Quote Separately

Note:

1RU Rack-Mount Version is available for multi-Channels application support!



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