Order Guide

DMB-8900N Classic ProVideo Streaming Encoder (1*HDMI IN)
DMB-8900N Plus ProVideo Streaming Encoder (1*HDMI IN/1*HDMI Loopout)
DMB-8900N Classic ProVideo Streaming Encoder (1*SDI IN/1*SDI Loopout)
DMB-8900N Enhanced ProVideo Streaming Encoder (1*VGA/HDMI/YPbPr/CVBS Input)
DMB-8900N 4G LTE Live Streaming Encoder (With HDMI In)
DMB-8900N 4G LTE Live ProVideo Streaming Encoder (SDI In)



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OVERVIEW

DMB-8900N Plus ProVideo Streaming Encoder (with 1*HDMI IN and 1*HDMI Loopout) features high performance, low latency and low bit rates for IPTV/OTT systems, realized Video & Audio real-time transmission via internet, and adopts state-of-the-art compression technology of H.264/H.265 AVC, which realizes its resolution to be up to 1080P. With powerful video pre-compression and efficient adaptive video compression algorithm, it is able to provide clear-delicate, high quality video even at lower bit rate which can efficiently save the cost of bandwidth. DMB-8900N Plus accepts 1*HDMI input and 1*HDMI Loopout, then output 4 channels TS over IP in H.265 format with multi-protocol, multi-resolution which can be freely adjusted according to your needs.

DMB-8900N Plus provides fully functional second development package, which can be applied to education, health care, IPTV, conference, remote education, news interview, court, public security, banking, transportation and other industry application.

FEATURES

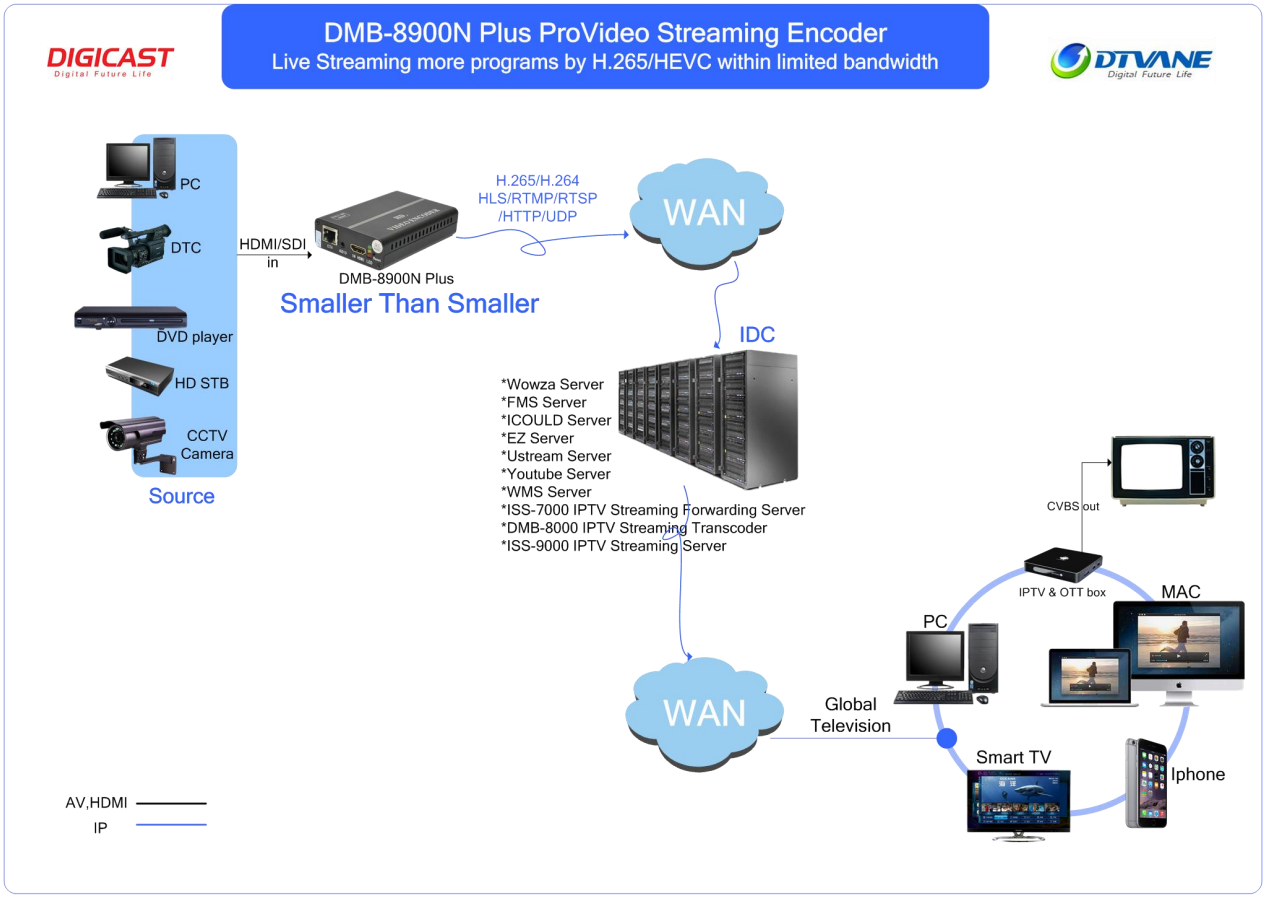
- Video Input: 1-Channel HDMI in/loopout
- Support up to 720P, 1080P HD video input
- Support RTMP User name and Pass word for authentication of IPTV Server
- Insertable of logo and Scroll Caption; Adjustable of audio gain;
- Support up to 4 TS over IP stream out.
- Support H.265 HEVC,H.264 Main Profile/H.264 High Profile and MP3 & AAC audio compression
- Bitrate mode: CBR/VBR
- Capable of image parameter settings
- Switchable of audio output mode: Left, right and Stereo
- Configurable of Multi-Screen, Multi-Protocol, Low bitrate with high quality image.
- Providing HLS/RTSP/HTTP/UDP or RTMP protocol
- **Any iOS browsers(iphone, ipad, MacBook etc) are able to have streams from IPTV Streaming Encoder in Anytime, Anywhere by HLS protocol without install any software players.**
- **Any terminal devices/decoders are able to have streams from IPTV Streaming Encoder directly by RTMP protocol with software players(such as VLC).**

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- Support HDCP protocol
- Support ONVIF Network Video Protocol
- Support multiple equipments display at the same time on a computer
- System supports WINDOWS XP/VISTA/SERVER2003/SERVER2008/WIN7 32 and WIN7 64, LINUX
- Web-based management
- Full-duplex mode 1000M

APPLICATIONS

- IPTV system
- OTT system
- Internet TV
- Digital Signage Project
- Remote Video Conference
- Video Monitoring



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SPECIFICATIONS

VIDEO Encoding

- Video compression:H.265 HEVC, H.264/AVC High/Main/Baseline Profile Level 4.0
- Video input: HDMI in(HDCP supported)/loopout
- Analog video input mode: PAL, NTSC
- Resolution:

  Main stream(supports two protocols):

  1920x1080,1680x1056,1280x720, 1024x576, 850x480, 720x576, 720x540, 720x480, 720x404, 704x576, 640x480, 640x360, auto

  Sub-stream(supports two protocols):

  1280x720, 800X450, 720x576, 720x540, 720x480, 720x404, 704x576, 640x480, 640x300, 352X288, 320X240, 320X180, auto
- Bit-rate: 16kbps~12Mbps, CBR/VBR
- Video pre-processing: Noise reduction, Sharpen, Filtering

AUDIO Encoding

- Audio compression: AAC, MP3
- Sampling rate: Adaptive, selectable of re-sample.
- Sampling accuracy: 24-bit
- Re-sample: 32KHz,44.1KHz
- Audio bit-rate: 48Kbps,64 Kbps,96 Kbps,128 Kbps,160Kbps,192 Kbps,256 Kbps,384Kbps

IP Streaming output

- Transport protocol: TS over IP output, HLS, RTSP/HTTP/UDP or RTMP protocol
- For each HDMI to IP output, 4*TS over IP stream out(HTTP/RTSP/UDP or RTMP protocol) 2 Channels with higher resolution(up to 1080P) for large screen application, 2 channels with lower resolution(up to 720P) for small screen application)
- Connector: RJ45, 1000M

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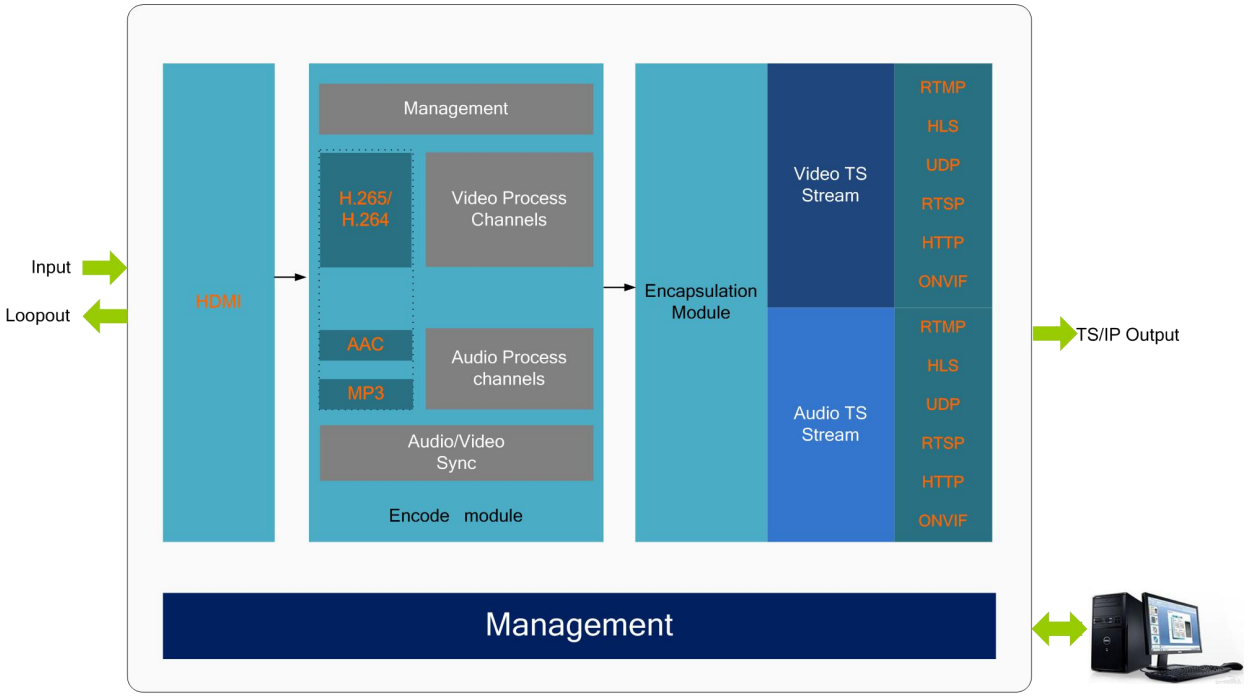
GENERAL OPTIONS

Physical And Power

- Voltage: 12V DC
- Consumption: less than 5W
- Built-in chargeable battery for running up to 5 hours.

  (The specific working time would be depended by the settings).
- Operating temperature: 0~45℃(operation), -20~65℃(storage)
- Dimensions: 103mm(W)*70mm(D)*25mm(H)
- Net Weight: 0.19 KG

DIAGRAM



Should you have any questions, please don't hesitate to contact with us.

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