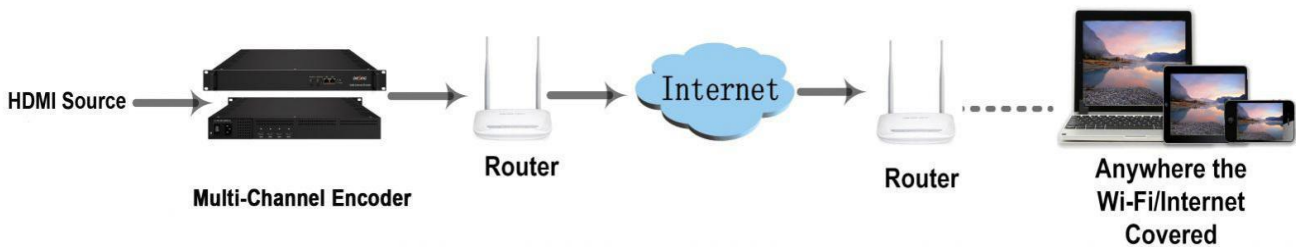




Support IP out over UDP(SPTS) SRT/RTP/RTSP/RTMP/HTTP/HLS
Multiple HDMI inputs



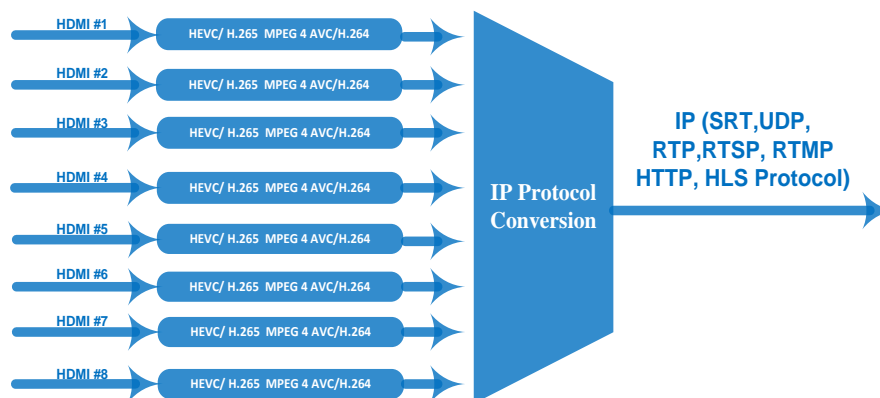
Key Features

- 2/4/8/16/24 HDMI input with 2/4/8/16/24 SPTS output (each encoder module, only support SPTS, NO MPTS), max 24 HDMI inputs
- HEVC/ H.265 , MPEG 4 AVC/H.264 video encoding format
- IP Output over UDP (Unicast/Multicast), SRT, RTSP, RTP, RTMP, HTTP and HLS
- Support AC3 Pass-through (developing)
- Support OSD (logo/QR Code/Caption) insertion (developing)

General Description

DEXIN NDS3228M-N network encoder (Network Encoder Processor) is an encoding device for IP broadcasting. It is equipped with 2/4/8/16/24 HDMI channels input with H.264/H.265 video encoding and LC-AAC or HE-AAC audio encoding. The signals source could be from STB, PC, TV and etc. It can transfer the live program through the internet/LAN, and gives IP out over UDP (Unicast/Multicast), SRT, RTSP, RTMP, HTTP and HLS, and the output signals are to be received by PC, phone and other mobile terminals. NDS3228M-N lets you access your IP STB, PC or TV anywhere to watch your programs.

Inner Principle Chart (Per Module)



Specifications

| | | |
|--------------|-------------------------|--|
| Input | 2/4/8/16/24 HDMI inputs | |
| Video | Resolution | 1920*1080_60P, 1920*1080_50P; 1920*1080_59.94P, 1280*720_60p, 1280*720_59.94, 1280*720_50P |
| | Encoding | H.264/H.265 |
| | Bit-rate | 1~15Mbps each channel |
| | Rate Control | CBR/VBR |
| | GOP Structure | IP |
| Audio | Encoding | MPEG-1 Layer 2, LC-AAC, HE-AAC and AC3 Pass through |
| | Sampling rate | 32KHz,44.1KHz,48KHz |
| | Chroma | 4:2:0 |
| | Audio Gain | 0-255 Adjustable |
| | MPEG-1 Layer 2Bit-rate | 48/56/64/80/96/112/128/160/192/224/256/320/384 kbps |

| | | |
|------------------------|--|---|
| | LC-AAC Bit-rate | 48/56/64/80/96/112/128/160/192/224/256/320/384 kbps |
| | HE-AAC Bit-rate | 48/56/64/80/96/112/128 kbps |
| Stream output | IP out over UDP (Unicast/Multicast),SRT, RTP,RTSP, RTMP, HTTP, HLS (RJ45, 1000M) (8 HDMI inputs with 8 SPTS for each encoder board) | |
| System function | Network management(WEB) | |
| | Chinese and English language | |
| | Ethernet software upgrade | |
| Miscellaneous | Dimension(W×L×H) | 482mm×328mm×44mm |
| | Environment | 0~45℃(work); -20~80℃ (Storage) |
| | Power requirements | AC 110V±10%, 50/60Hz, AC 220 ±10%, 50/60Hz |

OSD (Logo/QR Code/Caption) Insertion

