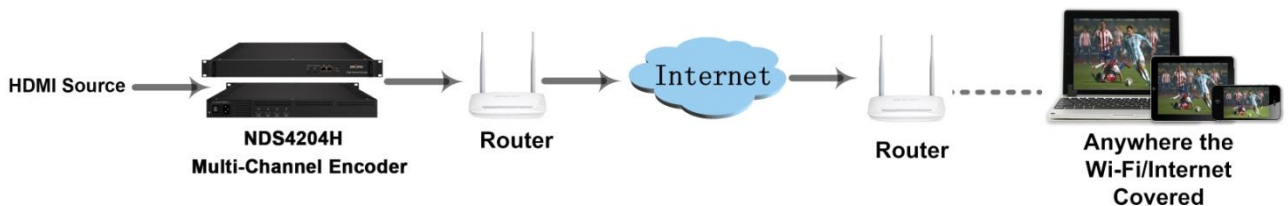




**NDS4204H**

**Multi-Channel Encoder**



## Product Overview

DEXIN NDS4204H network encoder is an encoding device for IP broadcasting. It is equipped with 4 HDMI channels input with MPEG-4 AVC/H.264 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), RTSP, RTMP, HTTP and HLS, and the output signals are to be received by PC, phone and other mobile terminals. NDS4204H lets you access your IP STB, PC or TV anywhere to watch your programs.

## Key Features

- Support 4 HDMI inputs
- Support MPEG-4 AVC/H.264 video encoding and LC-AAC or HE-AAC Audio encoding
- Support IP Output over UDP (Unicast/Multicast), RTSP, RTMP, HTTP and HLS

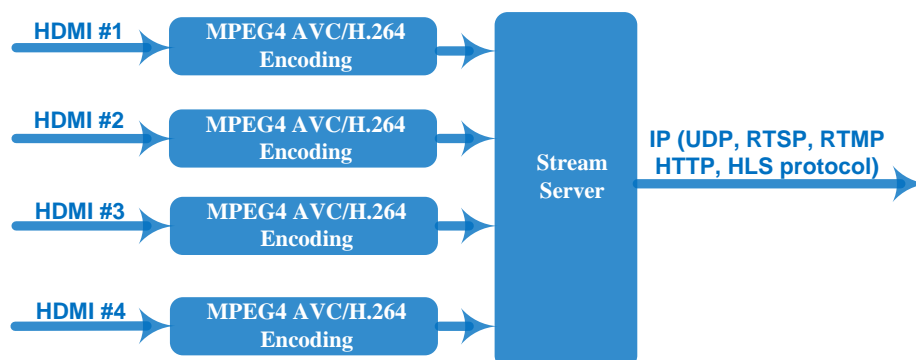


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Add: No. 10 & No. 12, Wuxing Fourth Road, Wuhou District, Chengdu 610045, Sichuan, P.R. China  
www.dsdvb.com/English Tel: +86-028-85558928 Fax: +86-028-85585255 Email: sunyu@dsdvb.com

- Support Logo, Caption, QR Code inserting
- Control and easy updates via web management

## Inner Principle Chart



## Specifications

| Input           | 4 HDMI inputs  |   |                              |               |
|-----------------|--|---|------------------------------|---------------|
| Encoder Section | Video  | Resolution  | Input                        | Output        |
|                 |  |   | 1920x1080_60p, 1920x1080_60i | 1920x1080_30p |
|                 |  |   | 1920x1080_50p, 1920x1080_50i | 1920x1080_25p |
|                 |  |   | 1280x720_60p                 | 1280x720_30p  |
|                 |  |   | 1280x720_50p                 | 1280x720_25p  |
|                 |  |   | 720x480_60i                  | 720x480_30p   |
|                 |  |   | 720x576_50i                  | 720x576_25p   |
|                 | Encoding   | MPEG-4 AVC/H.264 (Baseline profile, Main profile, High profile) |                              |               |
|                 | Bit rate   | 1Mbps~13Mbps  |                              |               |
|                 | Rate Mode  | CBR, VBR  |                              |               |
|                 | GOP Size   | 25~50   |                              |               |
|                 | Audio  | Encoding  | LC-AAC or HE-AAC             |               |
|                 |  | Sampling rate   | 44.1KHz                      |               |
| Bitrate         |  | LC-AAC : 48, 64, 96, 128, 256 kbps<br>HE-AAC : 48, 64 kbps      |                              |               |
| Stream out      | IP out over UDP (Unicast/Multicast) , RTSP, RTMP, HTTP, HLS (RJ45, 100M )<br><b>ASI output port and Data port are not applicable currently</b> |   |                              |               |
| System          | Remote control   | Network management (WEB)  |                              |               |
|                 | Language   | Chinese and English   |                              |               |
|                 | Upgrade  | Ethernet software upgrade                                       |                              |               |
| General         | Operation temperature  | 0~45°C (work), -20~80°C (Storage)                               |                              |               |
|                 | Power supply   | AC 100-240V 50/60Hz 2A  |                              |               |
|                 | Dimensions   | 482mm×328mm×44mm  |                              |               |