

## HP801ND HD IRD Network Decoder (1/2U racked)



HP801ND HD IRD Network decoder support AVS+/H.265/H.264/MPEG2 video decoding and DRA/AC3/EAC3/AAC/MPEG audio decoding.

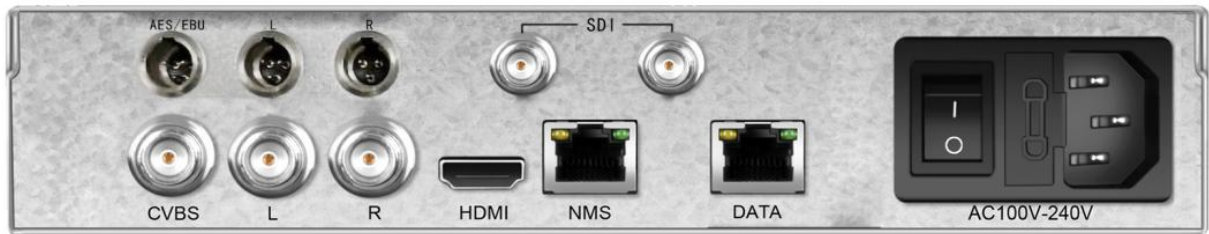
It also support HTTP/HTTPS/HLS/M3U8/RTSP/RTMP/MMS/Blu-ray IP input protocol (SRT is optional) 1080P/1080I/720P/576I/480I output resolution.

### Key Features

- Support multiple network protocol inputs
- Support CVBS/HD-SDI/HDMI/IP UDP output (SDI output is optional)  
AES/EBU, 2xXLR(CANNON) output, optional
- Support HTTP/HTTPS/HLS/M3U8/RTSP/RTMP/MMS/Blu-ray IP protocol (SRT is optional)
- Support AVS+/H.265 HEVC/H.264/MPEG2 video decoding
- Support DRA/AC3/EAC3/AAC/MPEG audio decoding
- Support Biss\_1/Biss\_E descrambling mode
- Support HD and SD signal input
- Resolution can be automatically identified or manually set
- Friendly user interface to facilitate the operation of the menu system and all operations can be completed on the LCD
- B/S based web management

### Application category

- Receiving live webcast live programs
- Support VOD in IPTV system
- Broadcast monitoring



## Specifications

|                             |                                |  |
|-----------------------------|--------------------------------|--|
| TS over IP                  | Interface                      | 1*RJ-45, 10/100 Base-T   |
|                             | Effective rate                 | 90Mb/s (100 Based-T)   |
|                             | Frame length                   | (1~7)x188 adjustable byte  |
|                             | IP output protocol             | UDP/RTP/HTTP/HTTPS/HLS/M3U8/RTSP/RTMP/MMS/Bluray (SRT is optional)                               |
| HDMI output                 | Interface                      | 1*HDMI   |
|                             | Resolution and frame rate      | 1080P60/1080P50/1080I60/1080I50/720P60/720P50/576P/576I/480P/480I                                |
|                             | Embed audio                    | 1stereo  |
| Video decoding              | Decoding format                | MPEG-2/MPEG 4/H.264 AVC/H.265(HEVC)/AVS+   |
| Audio decoding              | Decoding format                | MPEG-1 LayerI/II, MPEG-2 layer II, MPEG-2 AAC, MPEG-4 AAC LC, 2-CHANNEL/5.1 CHANNEL AC3/DRA/EAC3 |
| HD/SD-SDI output            | Interface                      | 2*BNC, 75Ω   |
|                             | SD-SDI output                  | SMPTE 259M, 270Mb/s(10bit)   |
|                             | HD-SDI resolution              | SMPTE 292M, 1.485 Gbit/s(20bit)  |
|                             | Output                         | Level 800mV+-20 p-p  |
| Analog audio output         | audio interface                | 2*BNC, 2*XLR   |
|                             | Output audio format            | Left, Right, Dual Mono, Stereo   |
| Digital audio output        | Interface                      | 1*AES/EBU  |
| Analog Video output         | video interface                | 1*BNC, 75Ω   |
|                             | Output Level                   | 1.0Vp-p±5%   |
|                             | CVBS format                    | PALBDGHI, PALN, NTSCM, PALN-C, NTSCM, NTSCM443, PALM, SECAM, NTSCMJ                              |
|                             | Video SNR                      | ≥56dB  |
|                             | Video sync amplitude           | 300±20mVP-P  |
|                             | Video amplitude characteristic | ±0.8Db(4.8MHz)<br>±1dB(4.8-5MHz)<br>±0.5/-4dB(5.5MHz)  |
|                             | Video output amplitude         | 700±30mVP-P  |
|                             | Differential gain              | ≤8%  |
| Data output                 | Subtitle                       | DVB/EBU  |
|                             | Teletext                       | DVB/EBU  |
|                             | Closed Caption                 | EIA 608, EIA 708, EIA 608-to-708   |
| Local and remote management | Interface                      | 1*RJ-45, 10/100 Base-T   |
|                             | Remote management              | HTTP Web   |
|                             | Local management               | Front pannel button and LED  |
|                             | Device upgrade                 | IP   |
| Miscellaneous               | Dimension (W×L×H)              | 450mm×280mm×44mm   |
|                             | Net Weight                     | 1.2 Kg   |
|                             | Power                          | AC 90V~250V, 50/60Hz   |
|                             | Consumption                    | 24W  |
|                             | Temperature                    | 0~45℃(work); -10~60℃(Storage)  |
|                             | Humidity                       | 10~90%(Non-Condensing)   |