



**NEP10 V2**

**IP Gateway**

**SRT/HTTP/UDP/RTP/RTSP/HLS**



**SRT/HTTP/ UDP/HLS/RTMP/RTSP**



## Outline

Dexin NEP10-V2 IP Gateway is a device which is used for the protocol conversion scenarios and streaming media distribution scenarios. It supports LCD display and has press buttons, it can convert the broadcast network IP stream over SRT, HTTP, HTTPS, UDP, RTP, RTSP and HLS protocol. The system can achieve the integration by receiving a variety of commercial streaming media services. Also, the system can provide streaming media services directly.

## Key Features

- 4 Data ports for input/output, it default ETH0 is output, ETH1 is NMS, ETH0 and ETH1 both are 1000Mbps, ETH2/ETH3 is 2.5G, and as input port

**Data port: IP in over SRT, HTTP, HTTPS, UDP (SPTS), RTP (SPTS), RTSP and HLS**

**IP out over SRT, HTTP, UDP (SPTS) HLS RTP/RTSP and RTMP (Unicast)**

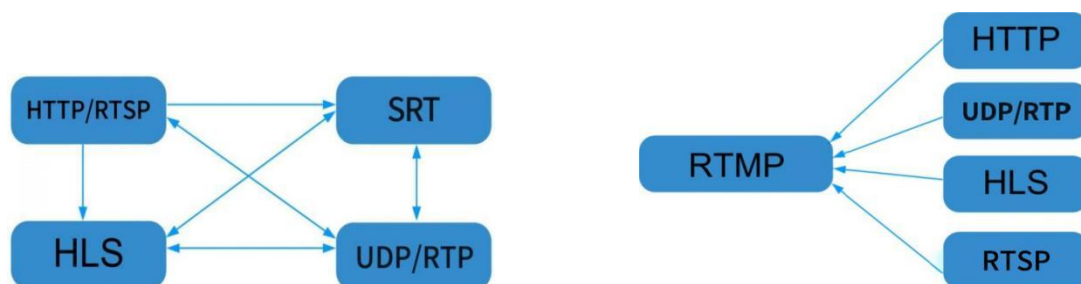
- Support IP anti-jitter function
- HDMI and USB port just be testing port
- Support up to 70 HD programs
- Control via web-based NMS management through ETH1 port



All the specifications are subject to change without any further notice. All rights reserved.

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

## IP Protocol Conversion



## General Principle Chart



## Specifications

<b>Input</b>	IP input through ETH2/ETH3 (2.5G) over SRT, HTTP/HTTPS, UDP(SPTS), RTP(SPTS), RTSP and HLS.	
<b>IP output</b>	IP out through ETH0 (1000M) over SRT(Unicast), HTTP (Unicast), UDP(SPTS, Multicast) HLS and RTMP(Program source should be H.264 and AAC encoding)	
<b>System</b>	Web-based NMS management through DATA port	
<b>General</b>	Demission	230mm×150mm×50mm (WxLxH)
	Temperature	0~45℃(operation), -20~80℃(storage)
	Power Supply	AC100V±10%, 50/60Hz or AC 220V±10%, 50/60Hz

## Test data for reference

Protocol conversion	Bit-Rate	Programs
UDP to SRT/HLS	8Mbps	70
HLS to SRT		50
HLS to UDP/RTMP		40
UDP to HTTP/RTSP/RTMP		25
SRT to UDP/HLS		25