



NEP10

IP Gateway

SRT/HTTP/UDP/RTP/RTSP/HLS



SRT/HTTP/UDP/RTP/RTSP/RTMP/HLS



## Outline

Dexin NEP10 IP Gateway is a device which is used for the protocol conversion scenarios and streaming media distribution scenarios. It can convert the broadcast network IP stream over SRT, HTTP, 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

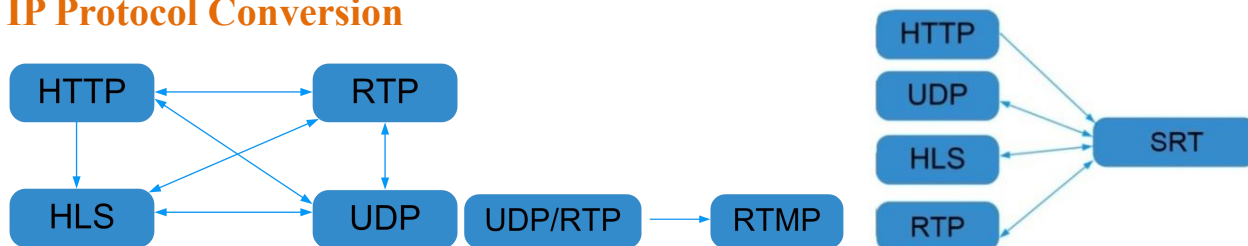
- Ethernet1 for input and output (**Recommend**).
- Ethernet2 for input. Ethernet2 is only suitable for the simple network with low bit-rate.
- Ethernet port: IP in over SRT, HTTP, UDP, RTP/RTSP and HLS  
IP out over SRT, HTTP, UDP, RTP/RTSP,HLS and RTMP.
- Support IP anti-jitter function
- Support about 8-12 HD/SD programs (Bitrate:8Mbps) conversion.
- Control via web-based NMS management through Ethernet port



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## IP Protocol Conversion



## General Principle Chart



## Specifications

<b>IP Input</b>	IP input through Ethernet1/ Ethernet2 over SRT, HTTP, UDP, RTP/RTSP and HLS.	
<b>IP output</b>	IP output through Ethernet1 over SRT, HTTP, UDP, HLS, RTMP and RTP/RTSP.	
<b>System</b>	Support about 8-12 HD/SD programs (Bitrate:8Mbps) conversion	
	Web-based NMS management through Ethernet port	
<b>General</b>	Demission	180mm×110mm×40mm (W×L×H)
	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/HTTP/RTP/RTSP/HLS/RTMP	3Mbps	20

UDP to SRT	8Mbps	10
UDP to HTTP		12
UDP to RTP/RTSP		12
UDP to RTMP		12
UDP to HLS		12

Protocol conversion	Bit-Rate	Programs
SRT to UDP/RTP/RTSP/HLS	3Mbps	20
SRT to UDP	8Mbps	12
SRT to RTP/RTSP		12
SRT to HLS		12