

Overviews

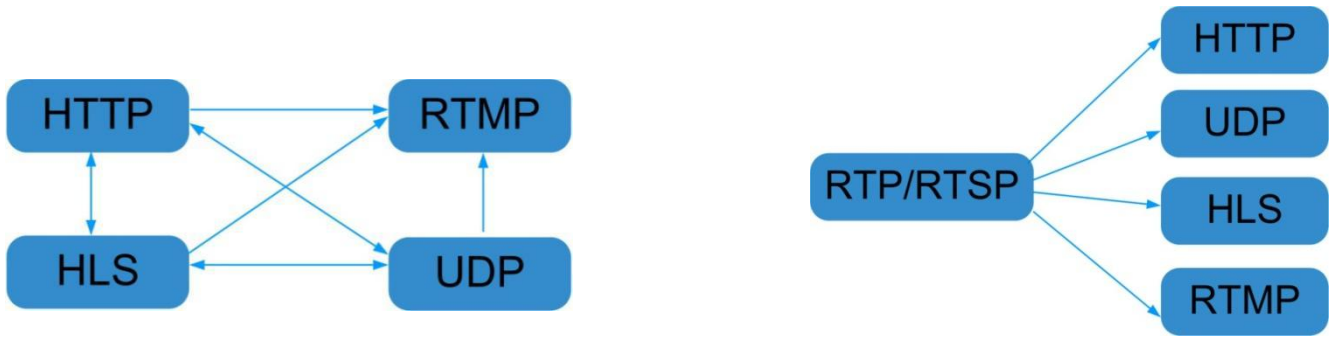
IPTV Gateway es un dispositivo que se utiliza para escenarios de conversión de protocolo y escenarios de distribución de medios de transmisión. Puede convertir el flujo de IP de la red de transmisión a través de HTTP, UDP, RTP, RTSP y HLS y archivos TS en los protocolos HTTP, UDP, HLS y RTMP. El sistema puede lograr la integración al recibir una variedad de servicios de transmisión multimedia comerciales. Además, el sistema puede proporcionar servicios de transmisión de medios directamente.



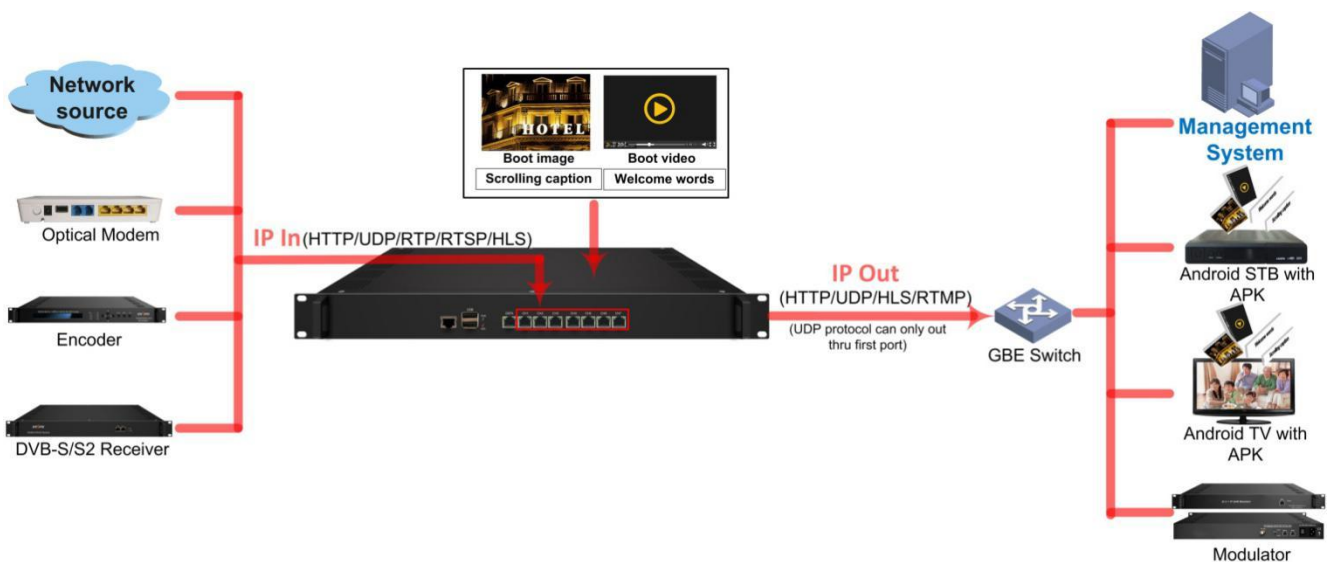
Feature

- 8 Data ports:
 - First Data port: IP out over HTTP, UDP (SPTS), HLS and RTMP
 - Data CH1-7 ports: IP in over HTTP, UDP (SPTS), RTP (SPTS), RTSP and HLS
 - IP out over HTTP, HLS and RTMP (Unicast)
- Support TS files uploading through Web management
- Support IP anti-jitter function
- Support adding scrolling caption, welcome words, boot image and boot video (this function is only applicable to IP out application and the STB/Android TV must be installed IPTV APK)
- Support downloading IPTV APK directly from this device
- Support about 80 HD/SD programs (Bitrate:2Mbps) When HTTP/RTP/RTSP/HLS is converted into UDP (Multicast), the actual application shall prevail, and suggest maximum 80% CPU utilization
- Support program playing with APK downloaded android STB and TV, maximum 150 terminals
- Control via web-based NMS management through DATA port

IP Protocol Conversion



General Principle Chart



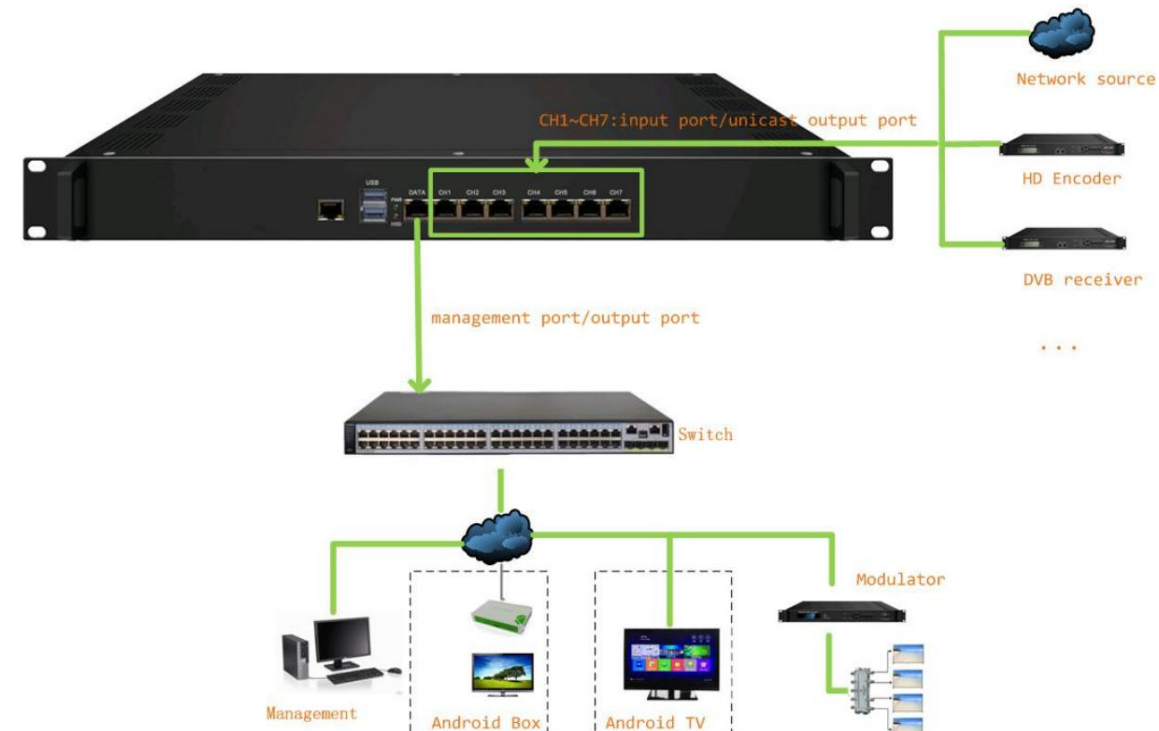
Scrolling caption/welcome words/boot image/boot video is only applicable to IP out application and the STB/Android TV must be installed Dexin IPTV APK

Specifications

Item	Parameter
Input	IP input thru CH 1-7(1000M) over HTTP, UDP(SPTS), RTP(SPTS), RTSP (over UDP, payload: mpeg TS) and HLS
	TS files uploading through Web management
IP output	IP out thru Data port (1000M) over HTTP (Unicast), UDP(SPTS, Multicast) HLS and RTMP (Program source should be H.264 and AAC encoding)
	IP out thru CH 1-7(1000M) over HTTP/ HLS/RTMP (Unicast)

System	Memory: 4G
	Solid-State Disk(SSD): 16G
	Channel switching time with ' STB: HTTP (1-3s), HLS (0.4-0.7s)
	Support adding scrolling caption, welcome words, boot image and boot video (this function is only applicable to IP out application and the STB/Android TV must be installed IPTV APK)
	Play programs with APK downloaded android STB and TV, maximum 150 terminals
	Support about 80 HD/SD programs (Bitrate: 2Mbps) When HTTP/RTP/RTSP/HLS is converted into UDP (Multicast), the actual application shall prevail, and suggest maximum 80% CPU utilization
General	web-based NMS management thru DATA port
	482mm×324mm×44mm (WxLxH)
	0~45°C (operation), -20~80°C (storage)
AC 100V±10%, 50/60Hz or AC 220V±10%, 50/60Hz	

Principle Chart



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