

## FMUSER FBE803 Magic IPTV Server



### Overview:

FMUSER FBE803 Magic IPTV Server is a versatile device used for protocol conversion and streaming media distribution scenarios. It is capable of converting broadcast network IP streams over HTTP, UDP, RTP, RTSP, and HLS and TS files into HTTP, UDP, HLS, and RTMP protocols. This system can achieve integration by receiving a variety of commercial streaming media services and can also provide streaming media

services directly.

FMUSER FBE803 Magic IPTV Server is a flexible and easy-to-use device that can be used in various applications. It supports a wide range of protocols and file formats, making it easy to integrate into existing systems. The system can be used to distribute streaming media content over a local network, the internet, or both, allowing users to access the content from anywhere. The system also supports multiple languages and can be used in a variety of settings, including hotels, hospitals, schools, and corporate environments.

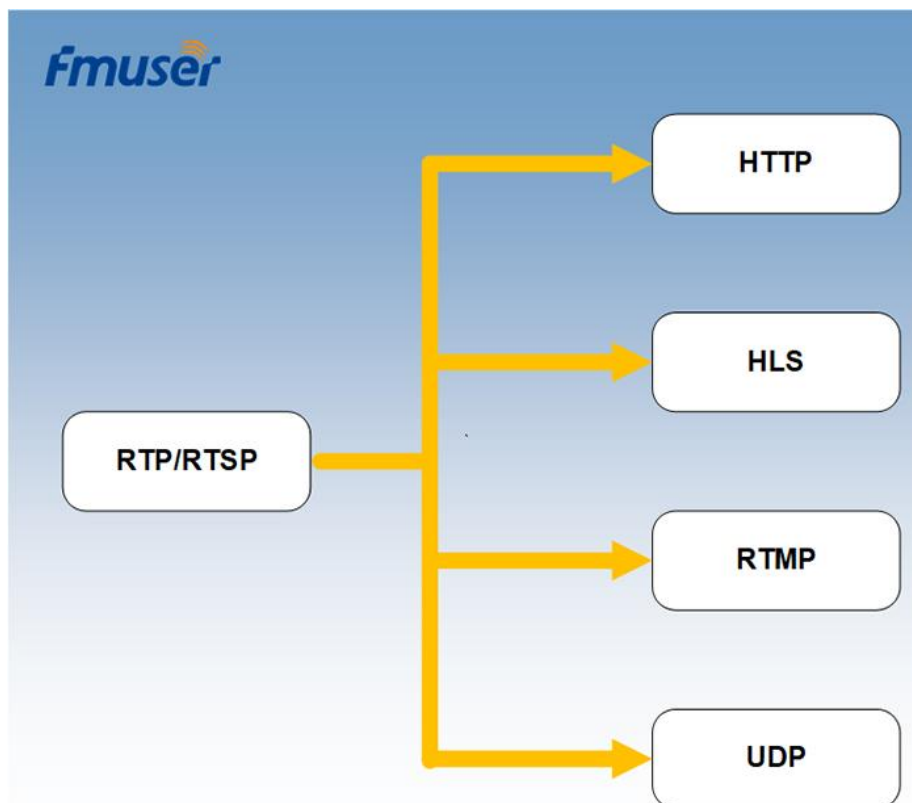
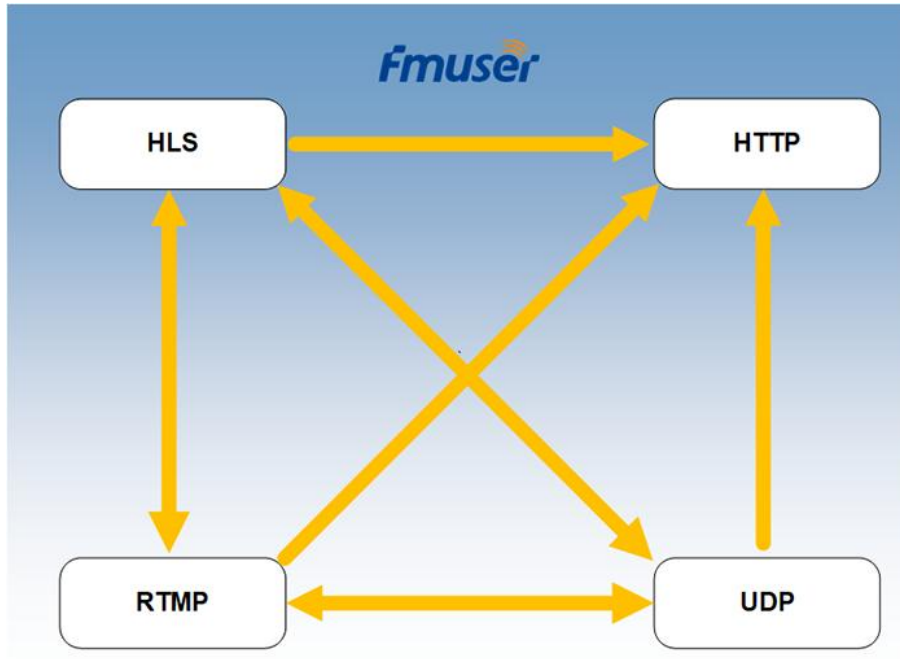
## Features:

- 8 data ports, with the first data port supporting IP out over HTTP, UDP (SPTS), HLS, and RTMP.
- The Data CH1-7 ports support IP in over HTTP, UDP (SPTS), RTP (SPTS), RTSP, and HLS, with IP out over HTTP, HLS, and RTMP (Unicast).
- Supports TS files uploading through web management and IP anti-jitter function.
- Supports 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 FMUSER IPTV APK). The device also supports downloading FMUSER Hotel IPTV APK directly from this device.
- Support about 60 HD/SD programs (Bitrate: 2Mbps) when HTTP/RTP/RTSP/HLS is converted into UDP (Multicast), but the actual application shall prevail, and suggest maximum 80% CPU utilization.
- Supports program playing with APK downloaded android STB and TV, with a

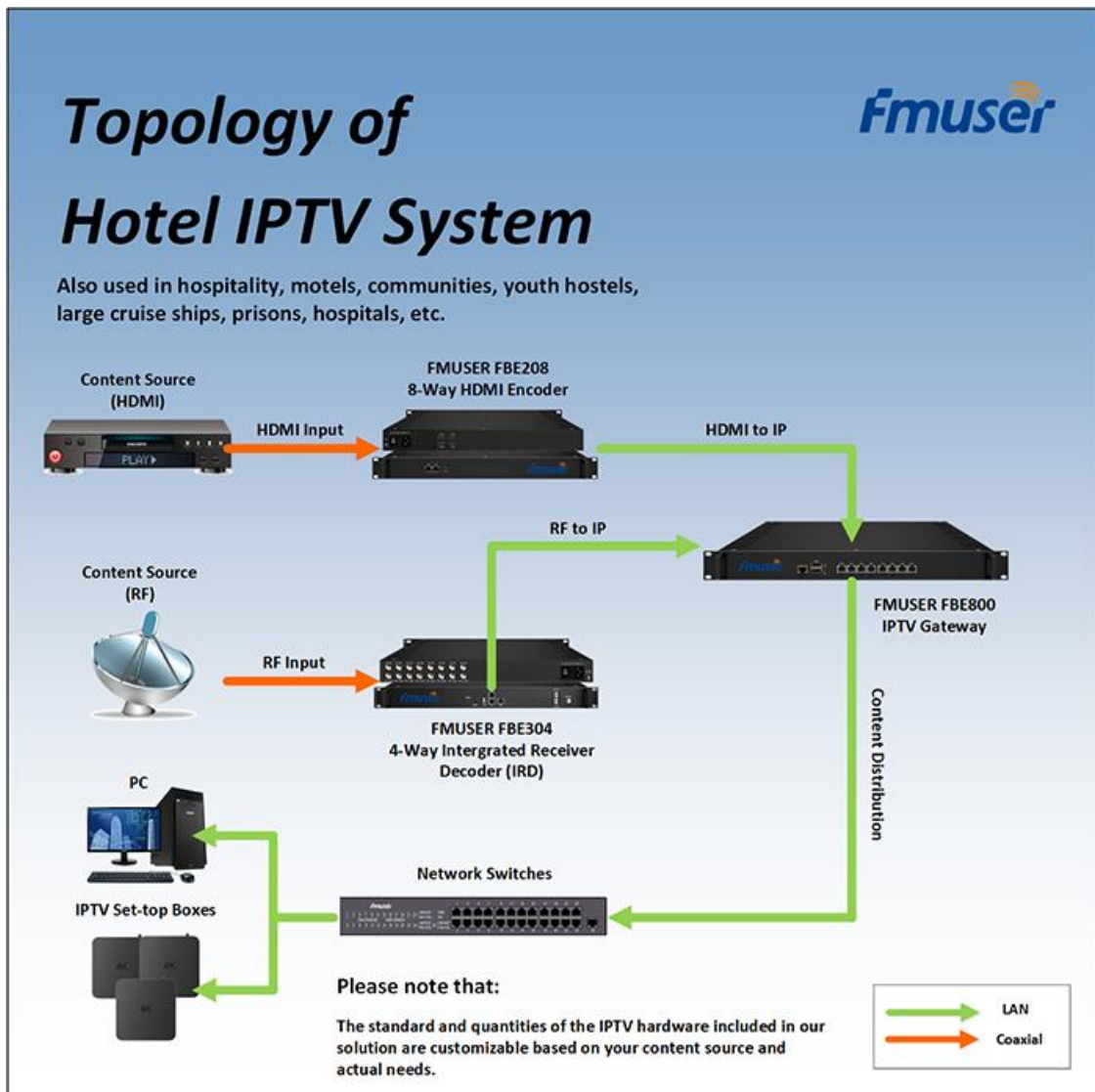
maximum of 100 terminals.

- Controlled via web-based NMS management through DATA port.

### IP Protocol Conversion:



## Principle Chart:



## Specification:

<b>Input</b>	IP input thru CH 1-7(1000M) over HTTP, UDP(SPTS), RTP(SPTS), RTSP (over UDP, payload: mpeg TS) and HLS( DTV-5720-8/DTV-5720-8-M) IP input thru CH 1-7(1000M) over HTTP, UDP(SPTS), RTP(SPTS), RTSP (over UDP, payload: mpeg TS) TS files uploading through Web management
<b>IP output</b>	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); IP out thru CH 1-7 (1000M) over HTTP/HLS/RTMP (Unicast)

<b>System</b>	CPU: I3-6100		Memory: 8G
	Solid-State Disk: 120G		
	Channel switching time with FMUSER' 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 FMUSER IPTV APK)		
	Play programs with APK downloaded android STB and TV, maximum 300 terminals(See details in below Test data for reference)		
	Support about 60 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		
	web-based NMS management thru DATA port		
	<b>General</b>	Demission	482mm×324mm×44mm (WxLxH)
Temperature		0~45℃(operation), -20~80℃(storage)	
Power Supply		AC 100V±10%, 50/60Hz or AC 220V±10%, 50/60Hz	

### Application:

Hotels, apartments, offices, telecommunications, ships and other areas that require the transmission of large amounts of television programs.