DCM750M

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IP Gateway IP protocol conversion

HTTP, RTMP, RTP, RTSP, HLS, SRT



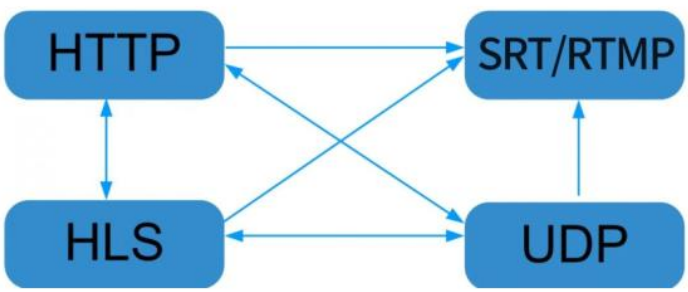
DCM750M can convert broadcast network IP stream over SRT, HTTP, UDP, RTP, RTSP and HLS protocol. The platform can achieve the integration by receiving a variety of commercial streaming media services, and can provide streaming media services directly.

Designed for the centralised control of Android STB's the control protocol conversion function acts, used for the protocol conversion scenarios and streaming media distribution scenarios, to the commonly deployed STB's in the hotel, hospitality, corporate, education and entertainment sectors.

Key Features

- 2 Data ports for input/output
- Data ports: IP in over HTTP, UDP (SPTS), RTP (SPTS), RTSP and HLS
- IP out over SRT, HTTP, HLS RTP/RTSP and RTMP (Unicast)
- Support IP anti-jitter function
- Support about 8-12 HD/SD programs (Bitrate:8Mbps) When UDP (Multicast) is converted into SRT/HTTP/RTP/RTSP/HLS
- Control via web-based NMS management through DATA port

Protocol conversion

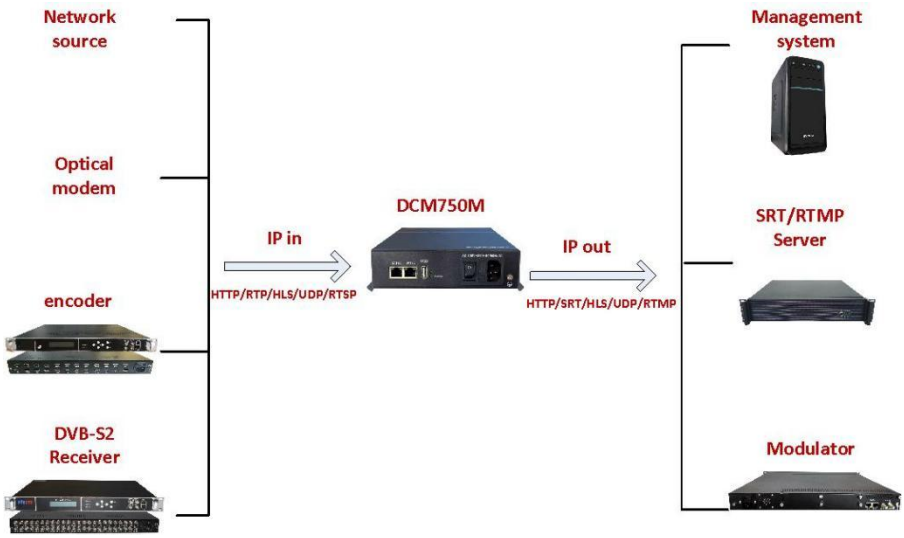


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Application

- IPTV Gateway Controller& Control
- Contribution and Distribution
- Protocol conversion scenarios

Principle Chart



TECHNICAL SPECIFICATIONS

Input
IP input through DATA1/DATA2 (1000M) over HTTP, UDP(SPTS), RTP(SPTS), RTSP and HLS.

IP Output
IP out through DATA1/DATA2 (1000M) over SRT(Multicast), HTTP (Unicast), UDP(SPTS, Multicast) HLS and RTMP(Program source should be H.264 and AAC encoding)

SYSTEM
Support about 8-12 HD/SD programs (Bitrate:8Mbps) , When UDP (Multicast) is converted into SRT/HTTP/RTP/RTSP/HLS
Web-based NMS management through DATA port

Environment

Power Supply	AC100V±10%, 50/60Hz or AC 220V±10%, 50/60Hz
Dimension	180mm×110mm×40mm (W*L*H)
Operating temperature	0 ~ 45℃
Storage temperature	-20 ~ 80℃
Humidity	10 ~ 90% non-condensed

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

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