

iGATEWAY

DIBVISION | DIBSYS

64 channels IP Gateway any to any IP protocol conversion scenarios

RTMP, HLS, HTTP, RTSP, RTMPS, UDP, SRT



iGATEWAY a powerful, yet low power consumption, rack-mount IP Gateway Controller& Control Interface for 24/7 operation. It answers all market requirements and is thus the suitable solution to Terrestrial, Satellite, Cable, IPTV networks. It is a real-time multi-channel protocol conversion , can support 64 streams Simultaneously. It support UDP, RTP/ RTSP, Pull/Push HTTP, RTMP/RTMPS, HLS, SRT any to any protocol conversion.

The device server provides stream passthrough to internet protocol conversion, it can convert the broadcast network IP stream over HTTP, UDP, RTP, RTSP, SRT, RTMP and HLS and TS file into HTTP, UDP, HLS and RTMP protocol. The platform can achieve the integration by receiving a variety of commercial streaming media services, and can provide streaming media services directly.

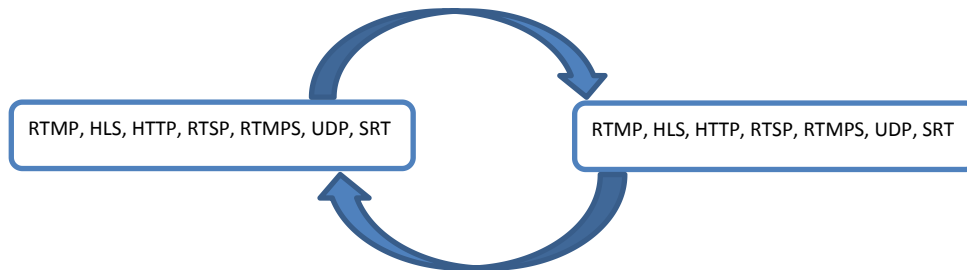
Features

- High density 1-RU platform can transcode up to 64 streams
- GbE IP outputs – RTMP, HTTP Live Streaming and HLS encrypted function, Pull/Push HTTP/RTSP, RTMP, UDP, SDP, SRT protocol
- MPTS input supported
- Based on embedded Ubuntu Linux via flashdisk
- TS parameter configuration: The output stream can be edited to change the program number, program name, supplier (for video output part), easy to identify end device.
- High contrast LCD display
- Real time preview of input video stream in encoding and parameter configuration
- Support multiple devices unified management
- Easy configuration via Web GUI
- Designed for secure 24*365 operation

Main Application

- Distribute HD Video to Ethernet
- IPTV live stream transcoding

Protocol conversion



TECHNICAL SPECIFICATIONS

Inputs and Outputs

Interface	Two Gig Ethernet Ports
Connector Type	RJ45 100/1000M - Auto Negot
	MPEG-TS(MPTS or SPTS) Over IP input
	MPEG-TS (SPTS) Over IP out
	TS Over UDP/RTP/HTTP/SRT
	RTP over HTTP
	FLV Over HTTP
	RTMP
	MP3 over HTTP
	FLV
	ASP
	HTTP Live streaming / HLS encrypted
Resolution	4K ,1920x1080p,1280x720p, 720x576p,720x480p, 640x480p, 480x360p, Auto

Audio Processing

Numbers of encoding	2 audio Channels per one video source (Provides up to 8 audio channels for customization)
Audio	AAC, AACv2, AMR Dolby Digital(AC-3)/Dolby Digital Plus(EAC-3)

Audio Channel	MP2A,MP3A,Transparent
Audio Track	Single, Dual, 5.1 Channel
AV Sync	0, 1, 2, 3
Sample rate	0s, 0.5s, 1s, 3s, 4s, 5s, 6s
Bitrate rate	8khz to 48khz
Volume	8kbps to 384kbps
AGC	Ordinary, Intensity1, Intensity2, Intensity3
	On, Off

Management

Local interface	LCD
Configuration	Web Interface
Port	RJ45, 10/100/1000M Base-T
Language	English

Environment

Power Supply	110-240 VAC
Operation temperature	0~50°C (32 ~122°F)
Storage temperature	-40~70°C (-40~158°F)
Power Consumption	100W
Dimensions	483mm (W) x 534mm (L) x 45mm (H)
Weight	11kg (24lbs)