

GH-2000X

IP Protocol Converter

GH-2000X based on server architecture, can convert the SD/HD TS protocol efficiently for remote transmission. The TS protocol can be converted between UDP and TCP while maintaining image quality.

It also supports IP Re-multiplexing MPTS and SPTS streams. Thoughtful GUI makes it easily to configure and use.



Main Feature

- Up to 100 channels UDP/TCP converting
- Support for real-time monitoring input bitrate of all channel, TS packet continuous counting error and PSI/SI information
- PSI/SI editing, PID passthrough/filtering/remapping, PCR self-correcting
- 100 internal remux kernel, 100Mbps for each channel
- Web remote control

Typical Application



Specification

Input	
Interface	1000M/100M/10MRJ45 × 3 Full Duplex
Protocol	UDP-Multicast, UDP-Unicast, RTP, TCP (private), HTTP, RTSP, RTMP, HTTP-HLS
Type	IP Streaming or Files (TS)
Re-Multiplex	
Input	SPTS / MPTS
Null Package Process	Null packet inserts and filtering
TS Editing	Service editing PSI/SI editing PID filtering/remapping/pass through PCR auto-correction
Maximum bitrate	100Mbps each channel
Maximum TS Count	100 channels output TS Streams

Output	
Interface	1000M/100M/10MRJ45 × 3 Full Duplex
Protocol	UDP-Multicast, UDP-Unicast, TCP(private), RTP, RTMP, HTTP-HLS, RTSP
Type	IP Streaming
Control & Monitoring	
Interface	RJ45 × 1 pcs, 1000M/100M Full Duplex
Protocol	HTTP Web GUI
General	
Power Consumption	AC 110V~240V, 6.4A, 50 ~ 60Hz, Max.500W
Operation temperature	5~45 °C
Storage temperature	-10~65 °C
Dimension	505mm × 485mm × 44mm
Gross Weight	8.7Kg

Back panel Interface

