

Overviews

HDB2400N network encoder (Network Encoder Processor) is an encoding device for IP broadcasting. It is equipped with 24 HDMI channels input with H.264/H.265 video encoding and LC-AAC or HE-AAC audio encoding. The signals source could be from STB, PC, TV and etc. It can transfer the live program through the internet/LAN, and gives IP out over UDP (Unicast/Multicast), SRT, RTSP, RTMP, HTTP and HLS, and the output signals are to be received by PC, phone and other mobile terminals. HDB2400N lets you access your IP STB, PC or TV anywhere to watch your programs.



Feature

- 24 HDMI input with 24 SPTS output (each encoder module, only support STPS, NO MPTS),
- max 24 HDMI inputs
- HEVC/ H.265 , MPEG 4 AVC/H.264 video encoding format
- IP Output over UDP (Unicast/Multicast), SRT, RTSP, RTP, RTMP, HTTP and HLS
- Support AC3 Pass-through (developing)
- Support OSD (logo/QR Code/Caption) insertion (developing)

Specification

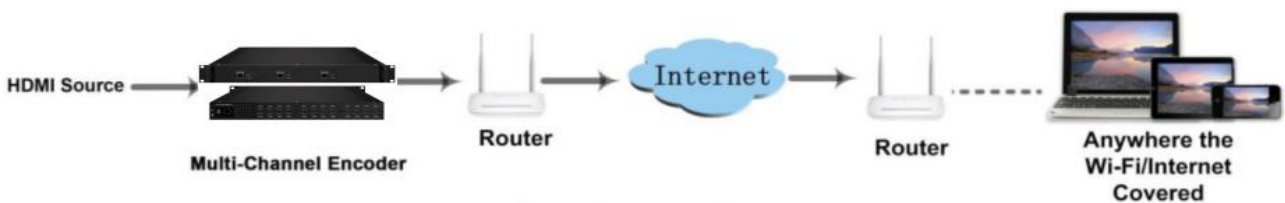
ITEM	PARAMETER	
Input		24 HDMI inputs
	Resolution	1920*1080_60P, 1920*1080_50P; 1920*1080_59.94P, 1280*720_60p, 1280*720_59.94, 1280*720_50P
Video	Encoding	H.264/H.265
	Bit-rate	1~15Mbps each channel
	Rate Control	CBR/VBR
	GOP Structure	IP
	Encoding	MPEG-1 Layer 2, LC-AAC, HE-AAC and AC3 Pass through
	Sampling rate	32KHz,44.1KHz,48KHz
	Chroma	4:2:0
Audio	Audio Gain	0-255 Adjustable
	MPEG-1 Layer 2Bit-rate	48/56/64/80/96/112/128/160/192/224/256/320/384 kbps
	LC-AAC Bit-rate	48/56/64/80/96/112/128/160/192/224/256/320/384 kbps
	HE-AAC Bit-rate	48/56/64/80/96/112/128 kbps
Stream output	IP out over UDP (Unicast/Multicast), SRT, RTP,RTSP, RTMP, HTTP, HLS (RJ45, 1000M) (8 HDMI inputs with 8 SPTS for each encoder board)	
System function		Network management(WEB)
		Chinese and English language
		Ethernet software upgrade
Miscellaneous	Dimension(W×L×H)	482mm×328mm×44mm
	Environment	0~45℃(work); -20~80℃ (Storage)
	Power requirements	AC 110V± 10%, 50/60Hz, AC 220 ± 10%, 50/60Hz

Application

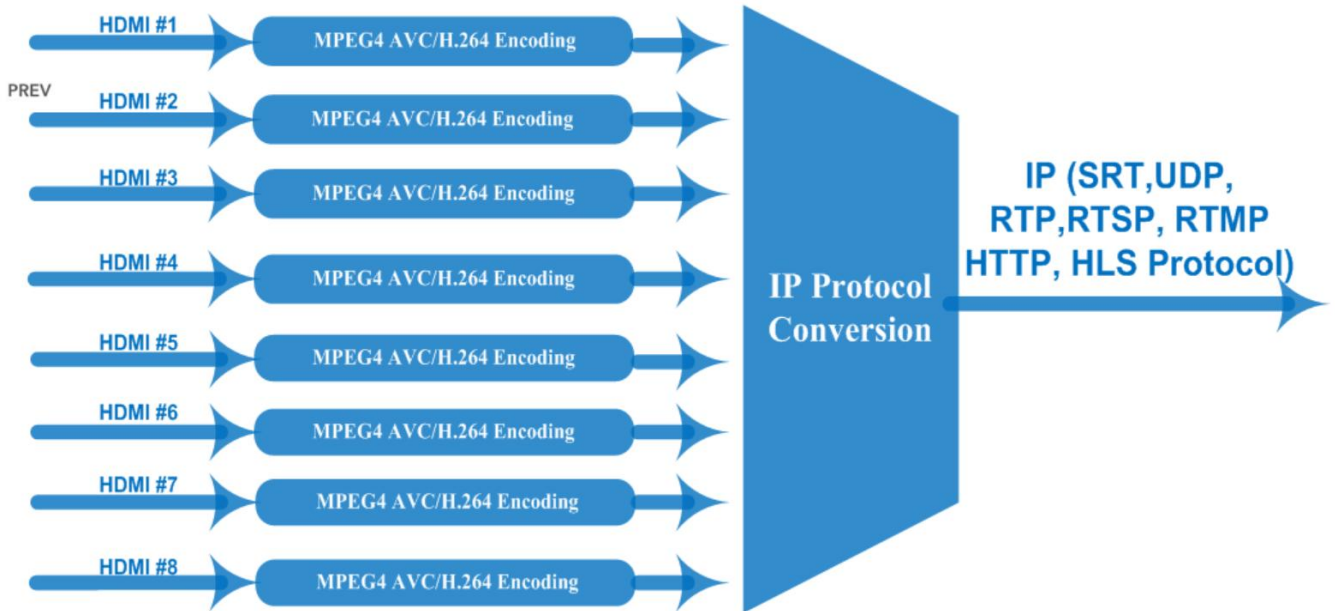


Support IP out over UDP(SPTS) SRT/RTP/RTSP/RTMP/HTTP/HLS

Multiple HDMI inputs



Principle Chart



We produce a wide selection of network equipment under HONDAO brand . Gather thousands of products ,which are supplier to customs of different filed and different requirement . QC team test all goods before shipment . We screen the Chinese supplier in a search of the most efficient product solutions available to satisfy your individual needs.