

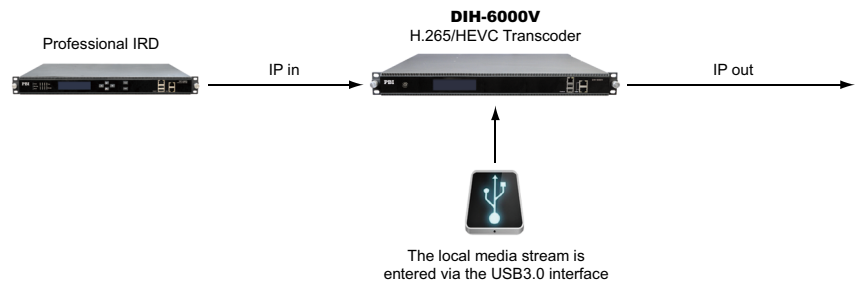
DIH-6000V H.265/HEVC Multiscreen Transcoder

DIH-6000V, which can process SD/HD efficiently based on the high-performance processing chip, is designed specifically for IPTV system with HEVC/H.265 low bit rate compression. The programs can be converted to a low bit rate (<600kbps, D1) while maintaining image quality. It also supports IP remultiplexing MPTS and SPTS streams. The Video multiple resolution functions can be used for multi-screen (TVs, Smart phones, tablets, PCs, etc.) perfectly. The friendly network management tools can help to setup and monitor working status easily.



Main Feature

- Video compliant with H.265/HEVC Baseline, MainProfile@L6.2 or less, H.264/AVC Baseline, Main & High Profile@L5.1 or less
- Audio compliant with MPEG-1 Layer II Audio, AAC transcoding
- Resolution from 96*96 to 4096*2160
- Bitrate from 200Kbps to 20Mbps
- support multi-channel H.265/HEVC transcoding, Max support one channel 4K/8-channels 1080P/16-channels 720P/32-channels SD
- support multi-channel H.264/AVC transcoding, Max support 16-channels 1080P/16-channels 720P/32-channels SD
- Support local video transcoding and delivery
- Rolling subtitle insert
- Logo insert
- Multi-audio transcoding and pass through
- PCR self-correcting
- PSI/SI edition and PID pass-through
- Up to 200 MPTS/SPTS output, 100Mbps for each
- Support 1+N output backup
- Http remote control



Specification

Input	
Input Interface	2 x RJ45, Full Duplex1000M/100M/10M
TS/IP Input Bit Rate	800Mbps per RJ45
Data Protocol	UDP,ICMP, IGMP V1, V2, V3, RTP, HTTP, RTSP, FTP, RTMP, HLS (HTTP Live Streaming)
Transcoder source	IP inputs, Local files
IP Protocol	Unicast, Multicast
Video/Audio format	
Video	H.265/HEVC, H.264/AVC, MPEG-4,MPEG-2
Audio	MPEG-1, MPEG-2, MPEG-4, AAC
Re-Multiplexer	
Input	SPTS/MPTS
Null package process	Null packet pass through, insert and filtering Service editing
TS Editing	PSI/SI editing PID pass through / remapping PCR auto-correction
Maximum bitrate	100Mbps per TS
Maximum TS count	200 input TS Streams + 200 output TS Streams (with transcoder function disable)
Output	
IP Output	
Input Interface	2 x RJ45Full Duplex1000M/100M/10M
TS/IP Output	800Mbps
Protocol	UDP, RTMP, HLS, FTP, RTP(for MUX only)
IP addressing	Unicast, Multicast
Type	IP Streaming or File

Video/Audio format for Encoding	
Video format	HEVC (H.265)/H.264
Audio format	MPEG-1 Layer 2, MPEG-2 AAC, MPEG-4 AAC
Package Format	MPEG-TS
Bitrate Control	VBR, CBR 4096*2160, 3840*2160, 2560*1440,1920*1080, 1280*720, 720*576, 720*480, 704*576, 704*288, 640*480, 544*576, 544*480, 480*576, 480*320, 480*270, 360*320, 352*576, 352*288, 320*240, 320*200, 240*160, 192*192, 192*128, 176*144, 128*96, 96*96
Video resolution	2560*1440,1920*1080, 1280*720, 720*576, 720*480, 704*576, 704*288, 640*480, 544*576, 544*480, 480*576, 480*320, 480*270, 360*320, 352*576, 352*288, 320*240, 320*200, 240*160, 192*192, 192*128, 176*144, 128*96, 96*96
Video Aspect Ratio	Auto, 4:3, 16:9
Video frame rate	Auto, 30fps,29.97fps, 25fps, 24fps, 23.97fps
Video bitrate	200Kbps ~ 20Mbps
Audio sampling rate	32KHz, 44.1KHz, 48KHz
Audio bitrate	32kbps, 64kbps, 96kbps, 128kbps, 192kbps, 256kbps, 384kbps
Control & Monitoring	
Interface	RJ45 x1pcs, 1000M/100M
Protocol	HTTP Web GUI
General	
Power Consumption	AC 110V~240V, 6A, 47~63Hz, Max.350W
Operation temperature	5~45 °C
Storage temperature	-10~65 °C
Dimension	430mm*335mm*44mm
Gross Weight	8.7Kg

*Note: all specifications are subject to change without notice

Back panel Interface

