



OVERVIEW

In a fast changing and highly competitive TV market, operators and TV service providers must deliver access to content on all screens, anytime, anywhere, while also reducing complexity and driving efficiency across all platforms.

Digicast multiscreen multiprotocol series IPTV Decoder are designed to address the increasing demand for video delivery to Internet and mobile devices. DMB-8900TB-EC H.264/H.265 HD one Channel IPTV Transcoder supports IP stream (RTMP/ RTSP /HTTP TS/HTTP FLV/HLS/UDP), after H.264/H.265 decoding output HDMI/CVBS , external audio input. DMB-8900TB-EC is suitable for professional broadcast level IPTV&OTT system construction, hospitality IPTV application, Remote HD multi-window video conference, Remote HD education and Remote HD medical treatment etc.

APPLICATIONS

- IPTV & OTT system
- Internet TV
- Digital Signage Project
- Remote Video Conference
- Video Monitoring
- Live Streaming
- Digital TV Broadcasting System
- Digital TV Programs Transmission
- Hotel IPTV System

SPECIFICATIONS

Specification		
Item	Parameter	
IP input	IP input	RTSP/HTTP TS/HTTP FLV/RTMP/UDP
Decoding format	Encoding type	H.265/H.264/MJPEG/MPEG2/MPEG4/AVS/AVS2
	Encoding frame	1-60 adjustable
Video decoding	Video channel decoding	1 channel
	Bitrate(kbit)	32-32000 adjustable
	Max Resolution after encoding	Max to 2160P@60 HDMI: 4096x2160P60/4096x2160P50/4096x2160P30/4096x2160P25 /3840x2160P60/3840x2160P50/3840x2160P30/3840x2160P25 /1440P60/1920x1200P60 /1080P60/1080I60/1080P50/1080I50/1080P30/1080P25 /720P60/720P50/576P50/480P60 CVBS: PAL/NTSC
	H.264 grade	baseline profile/main profile/high profile
	Bitrate control	CBR/VBR optional
	Type	AAC/AAC_AT/ AAC_FIXED/AAC_LATM/AASC/AC3/AC3_AT/AC3_FIXED/G729/GSM/GS_MS/GSM_MS_AT/MP1/MP1_AT/MP1FLOAT/MP2/MP2_AT/MP2FLOAT/ MP3/MP3_AT/MP3ADU/MP3ADUFLOAT/MP3FLOAT/MP3ON4/MP3ON4FLOAT/PCM_ALAW/PCM_MULAW/ADPCM_G726
	Channel Quantity	Single channel/double channel
	Audio Simple Rate(HZ)	44100
Audio Decoding	Audio channel	1 channel
	HDMI out	4096x2160P60/4096x2160P50/4096x2160P30/4096x2160P25 /3840x2160P60/3840x2160P50/3840x2160P30/3840x2160P25 /1440P60/1920x1200P60 /1080P60/1080I60/1080P50/1080I50/1080P30/1080P25 /720P60/720P50/576P50/480P60
	CVBS out	PAL/NTSC
	Colour	Brightness, contrast, chroma, saturation, adjustable

	HDMI	48 KHZ Double channel output
Transcoding function	Video Transcoding	Encoding format:H265 HEVC/H.264 option Encoding Frame: 50-60 Adjustable Keyframe interval : 5-300 adjustable Kbit: 32-100000 adjustable Resolution after encoding : 1920x1080/1680x1056/1600x900/1280x720/1024x768/850x480/720x576/720x540/720x480/720x404/704x576/640x480/640x360/608x448/544x480/480x480/480x384/480x360/480x320/480x272/480x270/400x320/400x224/352x480/352x228/320x256/320x240/320x180/240x180/176x144/setting by yourself
	H.264 encoding format	PROFILE_BASELINE/PROFILE_MAIN/PROFILE_EXTENDED/PROFILE_HIGH
	Streaming out	RTMP/ RTMPS/RTSP /HTTP TS/HTTP FLV/HLS/UDP Multicast/RTP Multicast/SRT
	Audio encoding	Audio sampling rate : 44100/48000 option Encoding format: AAC
General	Internet	1000M
	Setting	Configuration management via WEB
	ONVIF	Support ONVIF search and browse

GENERAL OPTIONS

Physical and Power

- Voltage: 12V DC
- Consumption: less than 5W.
- Operating temperature: 0~45℃(operation), -20~65℃(storage)
- Dimensions: 175mm(W)*112mm(D)*60mm(H)
- Weight: 0.6Kg/pc

Should you have any questions, please don't hesitate to contact with us.