Doteck

Doteck RTD Platform4 Series
H.264 HD Video Transcoder

Features

(1) Standard 1U case, advanced CPU and GPU co-coding and transcoding technology are adopted

(2) Embedded web server supports unified configuration management after remote web page login

(3) Support H.264/AVC, MPEG-2, H.265/HEVC, AVS, AVS+, AVS2(optional) video format transcoding

(4) Support MPEG-1 layer 2, MPEG-1 layer 3, LC-AAC, HE-AAC, AC3, EAC3 audio format transcoding

(5) Support SPTS, MPTS over UDP, FLV over RTMP, HLS over HTTP transmission stream IP input

(6) Support UDP, RTP, RTSP, RTMP, HTTP, SRT agreements such as the output

(7) Support the output video stream delay settings, delay time 0-120 seconds custom

(8) Support internal multiplexer, which can multiplex SPTS program stream after multiplexing and transcoding into MPTS program stream

(9) Support two gigabit ethernet ports, can be flexible configuration of IP program input and output physical channels

(10) Support 4-channel HD IP transcoding or 16-channel SD IP transcoding

(11) Support picture, caption overlay, multi-screen splicing and other software

functions customization

(12) Stable operation of the equipment, supporting 7x24 hours uninterrupted work

Introduction

Doteck RTD platform4 series H.264 HD transcoder adopts standard 1U chassis structure, is a high quality broadcast audio and video real-time transcoder product. This product not only has the traditional MPEG2, H.264/AVC video transcoding ability, but also supports the latest international video standard H.265/HEVC and China's independent intellectual property rights video standard AVS+, AVS, AVS2(optional).

Doteck RTD platform4 series H.264 HD transcoder can also convert 4-channel HD IP input stream or 16-channel SD IP input stream in real time.

Technical Specifications

IP stream input	
Input interface	RJ45
Rate	1000Mbps
Channel	4
Stream format	H.264/AVC, MPEG2, H.265/HEVC, AVS, AVS+, AVS2(optional)
Network protocol	UDP, RTP, RTSP, RTMP, HTTP, SRT
Transport stream format	SPTS, MPTS, FLV, HLS
IP stream output	
Output interface	RJ45
Rate	1000Mbps
Channel	4
Stream format	H.264/AVC, MPEG2, H.265/HEVC, AVS, AVS+, AVS2(optional)
Network protocol	UDP, RTP, RTSP, RTMP, HTTP, SRT
Transport stream format	SPTS, MPTS, FLV, HLS
Control	
Management	Web-based remote network management software
Physical	
Dimension(H×W×D, mm)	44×433×404(mm)
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing

Power supply	130-260VAC, 50/60Hz

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