

Doteck

Doteck D8 Series

8K H.265 UHD Video Decoder



Features

- (1) Standard 1U case, advanced CPU and GPU decoding technology is adopted
- (2) Web-based remote network management software
- (3) Support for multiple input protocol: UDP, RTP, RTSP, RTMP, HTTP, SRT, etc.
- (4) Support 4-channel 12G-SDI, or 4-channel 6G-SDI, or 4-channel

3G/HD/SD-SDI output

(5) Support video input formats such as H.265/HEVC, H.264/AVC, AVS, AVS+, AVS2, AVS3(optional), etc.

(6) Support input of MPEG-1 layer 2, MPEG-1 layer 3, LC-AAC, HE-AAC, AC3, EAC3 and other audio formats

(7) Support SDI resolution 4320p, 2160p, 1080p, 1080i, 720p, 576i, 480i output

(8) Support two gigabit ethernet ports, and can flexibly configure the physical input channel of IP programs

(9) Support image overlay and other software function customization

Introduction

Dotek D8 series 8K H.265 UHD video decoder can decode mainstream video compression standard streams such as H.265/HEVC, H.264/AVC, AVS, AVS+, AVS2, AVS3(optional). Under the harsh conditions of low network bandwidth, it also has excellent video and audio fault tolerant capacity. It can adapt to various complex network audio and video application environments and supports multiple protocol input: UDP, RTP, RTSP, RTMP, HTTP, SRT, etc..

Technical Specifications

IP stream input	
Input interface	RJ45(1000M)
Network protocol	UDP, RTP, RTSP, RTMP, HTTP, SRT
Channel	One 8K IP stream or 4-channel 4K IP stream
Video format	H.265/HEVC, H.264/AVC, AVS, AVS+, AVS2, AVS3(optional)
Audio format	MPEG-1 layer 2, MPEG-1 layer 3, LC-AAC, HE-AAC, AC3, EAC3
Transport stream format	SPTS, MPTS, FLV, HLS
Decoding output	
Interface	BNC

Channel	4-channel 12G-SDI, or 4-channel 6G-SDI, or 4-channel 3G/HD/SD-SDI
Output resolution	4320p60/50 2160p60/50/30/25 1080p60/50/30/25 1080i60/50 720p60/50/30 576p25, 480p30 576i50, 480i60
Control	
Management	Web-based remote network management software
Physical	
Dimension(H×W×D, mm)	44×433×636(mm)
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
Power supply	130-260VAC, 50/60Hz

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