

Doteck

Doteck D6 Series

4K ST2110 IP 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 10GBE or 25GBE SFP fiber bidirectional link interface output
- (5) Support SMPTE ST2110 standard protocol output, including SMPTE ST2110-10/20/30/40
- (6) Support video input formats such as H.265/HEVC, H.264/AVC, AVS, AVS+, AVS2(optional), etc.
- (7) Support input of MPEG-1 layer 2, MPEG-1 layer 3, LC-AAC, HE-AAC, AC3, EAC3 and other audio formats
- (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 D6 series 4K ST2110 IP decoder can decode mainstream video compression standard streams such as H.265/HEVC, H. 264/AVC, AVS, AVS+, AVS2(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	1-channel 4K, or 4-channel HD stream
Video format	H.265/HEVC, H.264/AVC, AVS, AVS+, AVS2(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	
Standard	ST2110
Channel	1-channel 4K, or 4-channel HD uncompressed IP stream
Output resolution	2160p60/50/30/25 1080p60/50/30/25 1080i60/50 720p60/50/30 576p25, 480p30 576i50, 480i60
Interface	10GBE or 25GBE SFP fiber optic interface
Control	
Management	Web-based remote network management software

Physical	
Dimension(H×W×D, mm)	44×433×498(mm)
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
Power supply	130-260VAC, 50/60Hz

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