

# Doteck

## Doteck D8 Series

### JPEG-XS ST 2110 8K UHD Decoder



#### Features

- (1) Industrial grade 19 inch 1U standard equipment with built-in dual power supply
- (2) Web-based remote network management software
- (3) Support video format input such as JPEG-XS, H.265/HEVC, H.264/AVC, MPEG2, AVS+, AVS, AVS2, AVS3 (optional)
- (4) Support audio format inputs such as MPEG-1 layer 2, MPEG-1 layer 3, LC-AAC, HE-AAC, AC3, EAC3, PCM, etc

- (5) Support 4-channel 12G-SDI, or 4-channel 6G-SDI, or 4-channel 3G/HD/SD-SDI output
- (6) Support 4320p, 2160p, 1080p, 1080i, 720p, 576i, 480i video output
- (7) Support SFP optical interface input of 10GBE or 25GBE
- (8) Support SMPTE ST2110-22 standard protocol input, support SMPTE ST2110-10/20/30/40 protocol input
- (9) Support UDP, RTP, RTSP, RTMP, HTTP, SRT network protocol input
- (10) Support SMPTE 2059 PTP clock timing
- (11) Support two gigabit ethernet ports, can be flexible configuration of IP program input physical channels
- (12) Support software function customization such as platform logo overlay

### Introduction

Dotek D8 series JPEG-XS ST 2110 8K UHD decoder can decode mainstream video compression standard streams such as JPEG-XS, 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

<b>IP stream input</b>	
Input interface	10GBE/25GBE SFP optical interface
Channel	One 8K IP stream or 4-channel 4K IP stream
JPEG-XS Input Protocol	SMPTE ST2110-22, ST2110-10/20/30/40
Network protocol	UDP, RTP, RTSP, RTMP, HTTP, SRT
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
<b>Decoding output</b>	

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
<b>Control</b>	
Management	Web-based remote network management software
<b>Physical</b>	
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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