

Doteck

Doteck RP3 Series

4-channel HD Video Stream Pushing Encoder



Features

- (1) Support 3G/HD/SD-SDI/HDMI/CVBS input
- (2) Support PID follow function, with the original program PID consistent
- (3) Support TS description parameter setting, including service ID, PMT PID, PCR PID, video PID, audio PID
- (4) Support UDP, RTSP, RTMP agreements such as the output
- (5) Support for volume fixed gain or dynamic gain adjustment
- (6) Each signal supports 3 kinds of code stream output
- (7) Support for H.264 coding standard
- (8) Support MP2, MP3, AAC, AC3 audio coding standard
- (9) Support video code rate is adjustable from 20K to 10Mbps
- (10) Support audio code rate 16k-512kbps adjustable
- (11) Support full HD (1920 x 1080), HD(1280 x 720), SD (720 x 576, 720 x 480)
- (12) Support 10.0, 16.0, 24.0, 25.0, 30.0, 50.0, 60.0 video encoding frame rate
- (13) Support CBR, VBR code rate control mode

Introduction

Doteck RP3 series 4-channel HD direct broadcast push stream encoder adopts standard 1U case structure, it is a high quality broadcast audio real-time coding product, support H.264 and other video coding standards,

support MP2, MP3, AAC, AC3 and other audio coding standards.

Technical Specifications

Video encoding	
Supported format	3G/HD/SD-SDI, HDMI, CVBS
Channel	4
Video encoding format	H.264
Rate	20K~10.0Mbps
Rate model	CBR, VBR
SDI interface	BNC 75Ω
HDMI interface	HDMI 1.3
Audio encoding	
Sample rate	32KHz, 44.1KHz, 48KHz
Bit rate	64, 128, 192, 256, 384Kbps
Audio encoding format	MPEG-1 layer 2, MPEG-1 layer 3, LC-AAC, HE-AAC
Physical	
Dimension(H×W×D, mm)	44×433×340 (mm)
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
Power supply	130-260VAC, 50/60Hz

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