

Dotek

Dotek RP1 Series

HD Video Stream Pushing Encoder



Features

- (1) Support one channel 3G/HD/SD-SDI signal 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, HTTP, SRT agreements such as the output
- (5) Support for volume fixed gain or dynamic gain adjustment
- (6) Support for H.264, H.265 coding standard
- (7) Support MP2, MP3, AAC, AC3 audio coding standard
- (8) Support video code rate is adjustable from 32K-32Mbps
- (9) Support audio code rate 48K-256Kbps adjustable
- (10) Support full HD 1080p, 1080i, 720p, 576i
- (11) Support 25.0, 30.0, 50.0, 60.0 video encoding frame rate
- (12) Support CBR, VBR code rate control mode

Introduction

Dotek RP1 series one 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, H.265 and other video coding standards, support MP2, MP3, AAC, AC3 and other audio coding standards.

Technical Specifications

SDI input	
Support format	3G/HD/SD-SDI
Channel	1
Resolution	1080p50/50 1080i60/50 720p60/50 576i50, 480i60
Interface	BNC 75Ω
Video encoding	
Video encoding format	H.264, H.265
Bit rate	32Kbps-32Mbps
Rate control	CBR, VBR
Audio encoding	
Sample rate	32KHz, 44.1KHz, 48KHz
Bit rate	48Kbps-256Kbps
Audio encoding format	MP2, MP3, AAC, AC3
IP stream output	
Output interface	RJ45
Rate	1000Mbps
Network protocol	UDP, RTSP, RTMP, HTTP, SRT
Physical	
Dimension(H×W×D, mm)	44×433×346(mm)
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
Power supply	130-260VAC, 50/60Hz

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