

Dotek

Dotek RP2 Series

2-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 audio coding standard
- (9) Support video code rate is adjustable from 512K-10Mbps
- (10) Support audio code rate 24K-256Kbps 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

Dotek RP2 series 2-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

Input interface	
HD/SD-SDI	BNC 75 Ω
HDMI	HDMI 1.3
CVBS	(Video) BNC 75 Ω , (Audio) RCA
Resolution	1080p60/50 1080i60/50 720p60/50/30 576i50, 480i60
Channel	2
Video encoding	
Video encoding format	H.264
Bit rate	512Kbps-10.0Mbps
Rate control	CBR, VBR
Audio encoding	
Sample rate	32KHz, 44.1KHz, 48KHz
Bit rate	24Kbps-256Kbps
Audio encoding format	MP2, MP3, AAC
IP stream output	
Output interface	RJ45
Rate	1000Mbps
Network protocol	UDP, RTSP, RTMP
Physical	
Dimension(H×W×D, mm)	44×433×346(mm)
Operation temperature	0-50°C
Relative humidity	0-95%, non-condensing
Power supply	130-260VAC, 50/60Hz

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