

Doteck

Doteck R3 Series

H.264 HD/SD-SDI Encoder



Features

- (1) Support HD-SDI audio and video input
- (2) Support full hardware IP output(TS over IP)
- (3) Support 1080I, 720P, 576i and other formats
- (4) Output bit rate can be adjust continuously , easy to operate
- (5) Abundant input and output interface
- (6) SDT insert
- (7) Network management control locally and remotely
- (8) Automatic identification signals are supported without manual selection

Introduction

Doteck R3 series H.264 HD encoder is a kind of easy to operate and powerful encoder. It adopts real-time compression coding technology H.264 to encode HD-sdi digital video.

The technology encodes digital video data from video interface according to H.264 compression algorithm. Audio coding use special audio coding software by MPEG the layer I and the layer II standard code.

Technical Specifications

Input interface	
HD/SD-SDI	BNC 75 Ω
Output interface	
ASI	BNC 75 Ω
IP	RJ-45
Video encoding	
Resolution	1080i60/50 720p60/50/30 576p25, 480p30 576i50, 480i60
Video encoding format	H.264, MPEG2
Speed	0.8Mbps~20Mbps
Speed control	CBR/VBR
GOP Style	IBBP
Video processing	Release interlaced scan, noise control and unsharp
Audio encoding	
Sample rate	32KHz, 44.1KHz, 48KHz
Bit rate	64, 128, 192, 256, 384Kbps
Audio encoding format	MPEG-1 layer 1/2, AAC
Physical	
Dimension(H \times W \times D, mm)	44 \times 433 \times 340 (mm)
Operation temperature	0-50 $^{\circ}$ C
Relative humidity	0-95%, non-condensing
Power supply	130-260VAC, 50/60Hz

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Doteck Digital Technologies

Room 19D, 11A, 11B, 11D, Building 2, International Incubation Zone, No. 2, Shangdi Info Road, Haidian District, BEIJING, CHINA, Postcode:100085

e-mail: Doteck@126.com

Tel: +86-10-62120151

FAX: +86-10-82893162

Mobile: +86-13910290608

Contact: LI XINJIAN

Welcome to visit our website for more info: www.Doteck.com