

# Doteck

## Doteck D3 Series

### AVS+ HD Video Decoder



#### Features

- (1) Adopt embedded structure and shape design
- (2) Support front panel function buttons
- (3) Support MPEG2, H.264, AVS+ video decoding
- (4) Support MPEG 1 Layer II, LC-AAC, HE-AAC audio decoding
- (5) Support single channel input conforming to DVB-S/S2 and DVB-C standards
- (6) DVB-ASI HD and SD stream can be received
- (7) SCPC/MCPC on C/Ku band satellites can be received
- (8) Support one ASI input and 2-channel ASI output with maximum bit rate of 100Mbps
- (9) Support TS over IP interface input and output
- (10) Support single program rectifier mode, UDP protocol
- (11) Support SDI, HDMI, YPbPr, CVBS decoded video output
- (12) It supports two DVB-CI interfaces, mainstream CAM card and various encryption systems
- (13) Automatic channel saving is supported, and the latest parameter setting can be restored automatically after accidental power failure
- (14) Support 10/100M adaptive network management port, can realize the remote setting of equipment parameters and software upgrade

## Introduction

Dotek D3 series AVS+ HD video decoder is a set of demodulation, unscrambling, decoding in one of the multi-functional receiver. The device has a wealth of input and output interface standards, including DVB-S/S2, DVB-C signal input, IP, ASI signal input and output, a variety of SDI, HDMI, YPbPr, CVBS original video and audio signal decoded output, can output TS stream and embedded audio SDI signal. Supported video decoding standards include MPEG2, H.264, AVS+ and supported audio decoding standards include MPEG-1/2, MP3, AAC, AC3. Dual CI interface is compatible with multiple encryption schemes and encryption modes.

## Technical Specifications

<b>ASI input</b>	
Standard	DVB-ASI
Input format	MPEG-2, H.264, AVS+
Packet format	188 or 204 byte
Interface	75Ω BNC
<b>ASI output</b>	
Standard	DVB-ASI
Output format	MPEG-2, H.264, AVS+
Packet format	188 or 204 byte
Interface	75Ω BNC
<b>TS over IP</b>	
Rate	10/100Mbps
Protocols	UDP
Interface	RJ45
<b>RF input</b>	
Standard	DVB-S/S2, DVB-C
Input frequency	950-2150MHz, 47-870MHz
RF interface	1×75Ω(F-type)
<b>RF loop output</b>	

Standard	DVB-S/S2, DVB-C
Output frequency	950-2150MHz, 47-870MHz
RF interface	1×75Ω(F-type)
<b>HD/SD-SDI output</b>	
Channel	2
Resolution	1080p60/50 1080i60/50 720p60/50 576i50, 480i60
Impedance	75Ω
Interface	BNC
Embedded audio	Support
<b>HDMI output</b>	
Standard	1×HDMI 1.3 interface
Resolution	1080p60/50 1080i60/50 720p60/50 576i50, 480i60
Embedded audio	Support
<b>Video output</b>	
Interface	1 RCA
Signal resolution	10Bit
<b>Audio output</b>	
Interface	2 RCA
Audio output mode	Left, right, dual mono, stereo
<b>YPbPr output</b>	
Interface	3 RCA
Resolution	576i, 720p, 1080i, 1080p
<b>Physical</b>	
Dimension(H×W×D, mm)	44×433×284(mm)
Power supply	130-260VAC, 50/60Hz

Operation temperature	0-50°C
Relative humidity	0-95%, non-condensing

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## **Doteck Digital Technologies**

Suite 819, Building C, Suite 11A, 11B, 11D, Tower 2, International Innovation Park, No. 2, Shangdi Info Road, Haidian District, BEIJING, CHINA, Postcode: 100085

Tel: +86-10-62120151

Mobile: +86-13910290608

Contact: LI XINJIAN

E-mail: [Doteck@126.com](mailto:Doteck@126.com)

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