Doteck

Doteck D2 Series

MPEG-2/H.264 HD Video Decoder

Features

(1) Adopt embedded structure and shape design

(2) Support front panel function buttons

(3) Support MPEG2, H.264 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

Doteck D2 series H.264/MPEG-2 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, and supported audio decoding standards include MPEG-1/2, MP3, and AAC. Dual CI interface is compatible with multiple encryption schemes and encryption modes.

Technical Specifications

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

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

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

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