

Doteck

Doteck C11 Series

CVBS to HDMI Converter



Features

- (1) Convert CVBS signal to HDMI video signal
- (2) With embedded analog audio function
- (3) Output broadcast quality video
- (4) Can manually adjust the resolution
- (5) PCB boards made with environmentally friendly Pb-free
- (6) PCB boards made with multilayer design, to ensure stable and reliable signal conversion
- (7) All components, including connectors, are ordered from public-known manufacturers in the world, high stability and reliability ensurance
- (8) Enclosure box material is made of aluminum, elegant appearance, light weight
- (9) Switching power supply design, wide voltage range, reliable long-term running

Introduction

Doteck C11 series CVBS to HDMI converter can convert CVBS input to HDMI

output, at the same time with analog audio embedding function.

Dotek C11 series CVBS to HDMI converter has high supreme signal precision, stability, reliability, which is an ideal digital video converter for TV station, CMMB, IPTV, mobile TV, mobile phone TV, telecommunication operators, government video conference system and other new media field

Technical Specifications

Analog video input	
Standard	PAL, NTSC, 525/625 lines
Channel	1
Input level	0.6-1.6Vp-p
Color delay	<10ns
Differential gain	<1.0%
Differential phase	<0.7 degree
SNR(Weighted)	>70dB
Impedance	75 Ω
Connector	BNC
Analog audio input	
Channel	2
Band width	20Hz-20KHz@-0.5dB
Max input level	17.4Vp-p(+18dBm)
Isolation	>90dB@1KHz >90dB@20KHz
Impedance	600 Ω
Connector	XLR
HDMI output	
Standard	HDMI 1.3
Channel	1
Data rate	Maximum up to 3Gbps
Clock frequency	225MHZ
Resolution	576i, 720p, 1080i, 1080p
Formats	RGB, YPbPr, YCbCr
Connector	HDMI, type A, female

Physical	
Dimension(H×W×D, mm)	44×223.4×230(mm)
Power supply	130 - 260VAC, 50/60Hz
Operation temperature	0-50°C
Relative humidity	0-95%, non-condensing
LED status indicator	Power

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