

# Doteck

## Doteck C10 Series

### 3G/HD/SDI Digital Video to VGA Converter



#### Features

- (1) 3G-SDI/HD-SDI/SDI signal auto recognition, need not select by hand
- (2) Compliant with the standards of SMPTE424M, SMPTE292M, SMPTE259M, SMPTE297M, SMPTE305M, SMPTE310M
- (3) Auto adaption to the speed of 3G-SDI/HD-SDI/SDI 143M, 177M, 270M, 360M, 540M, 1483.5M, 1485M, 2970Mbps
- (4) When signal input, with automatic cable equalization function
- (5) When signal input, with re-clocking function
- (6) Adaptive resolution VGA output
- (7) PCB boards made with environment friendly Pb-free
- (8) PCB boards made with multilayer design, to ensure stable and reliable signal conversion
- (9) All components, including connectors, are ordered from public-known manufacturers in the world, high stability and reliability ensurance
- (10) Enclosure box material is made of aluminum, elegant appearance, light weight
- (11) Switching power supply design, wide voltage range, reliable long-term running

## Introduction

Dotek C10 series 3G/HD/SDI to VGA converter can convert 3G-SDI, or HD-SDI, or SDI digital video signal to VGA analog signal. The resolution is up to 1080p/60Hz.

Dotek C10 series 3G/HD/SDI to VGA converter has high supreme signal precision, stability, reliability, which is a ideal HD 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

<b>3G/HD/SDI video input</b>	
Signal standard	SMPTE424M, SMPTE292M, SMPTE259M, SMPTE297M, SMPTE305M, SMPTE310M
Channel	1
Signal level	>380mVp-p
Auto-cable equalization	>100m@2970Mbps, (Belden 1694A cable) >200m@1485Mbps, (Belden 1694A cable) >350m@270Mbps, (Belden 1694A cable)
Return loss	>10dB@2970Mbps
Impedance	75Ω
Connector	BNC
<b>VGA video output</b>	
Channel	1
Connector	DB15
Resolution	Adaptive, up to 1080p/60Hz
<b>Physical</b>	
Dimension(H×W×D, mm)	44×250.2×111.2(mm)
Power supply	130 - 260VAC, 50/60Hz
Operation temperature	0-50°C
Relative humidity	0-95%, non-condensing
LED status indicator	Power, video activity

# Doteck

## **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)

Welcome to visit our website for more info: [www.Doteck.com](http://www.Doteck.com)