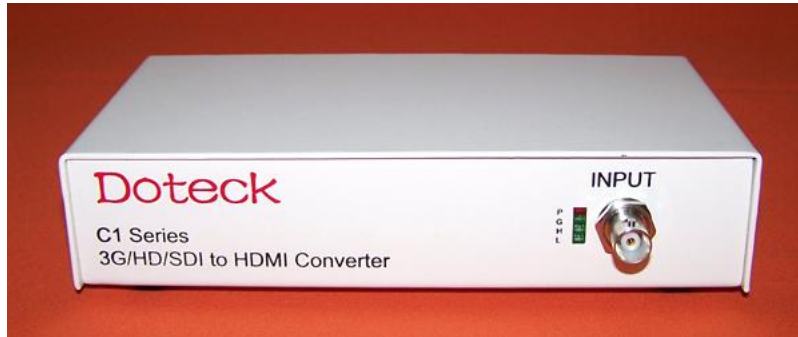


Doteck

Doteck C1 Series

3G/HD/SD-SDI Digital Video to HDMI Converter



Features

- (1) 3G-SDI/HD-SDI/SDI signal auto recognition, need not select by hand, HDMI output automatically also
- (2) Compliant with the standards of SMPTE424M, SMPTE292M, SMPTE259M, SMPTE297M, SMPTE305M, SMPTE310M, HDMI1.3
- (3) Auto adaption to the speed of 3G-SDI/HD-SDI/SDI 143M, 177M, 270M, 360M, 540M, 1483.5M, 1485M, 2970Mbps
- (4) Resolution up to 1080p@60Hz
- (5) When signal input, with automatic cable equalization function
- (6) When signal input, with re-clocking function
- (7) Perfect LED indicators design, very convenient to monitor device work well or not.
- (8) PCB boards made with environment friendly Pb-free
- (9) PCB boards made with multilayer design, to ensure stable and reliable signal conversion
- (10) All components, including connectors, are ordered from public-known

manufacturers in the world, high stability and reliability ensurance

(11) Enclosure box material is made of aluminum, elegant appearance, light weight

(12) Switching power supply design, wide voltage range, reliable long-term running

(13) Mini box design, small and exquisite, convenient to setup and operate

Introduction

Dotek C1 series 3G/HD/SD-SDI to HDMI converter can convert 3G-SDI, or HD-SDI, or SDI digital video signal to HDMI HD signal.

Dotek C1 series 3G/HD/SD-SDI to HDMI 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

3G/HD/SD-SDI input	
Signal standard	SMPTE424M, SMPTE292M, SMPTE259M, SMPTE310M, SMPTE305M
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
HDMI output	
Signal standard	HDMI 1.3, HDCP, CEA-861E
Channel	1
Data rate	Maximum up to 3Gbps
Resolution	576i, 720p, 1080i, 1080p@60Hz
Formats	RGB, YCbCr digital video

Clock frequency	225MHz
Connector	HDMI, type A, female
Physical	
Dimension(H×W×D, mm)	39×178.2×93.1(mm)
Power supply	130 - 260VAC, 50/60Hz
Operation temperature	0-50℃
Relative humidity	0-95%, non-condensing
LED status indicator	Power, video activity

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