

Doteck

Doteck C8 Series

3G/HD/SDI Digital Video to Analog Video Converter



Features

- (1) 3G/HD/SD-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/HD/SD-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) Output video technical specification over 250C
- (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 C8 series 3G/HD/SDI to analog video converter can convert 3G-SDI, or HD-SDI, or SDI digital video signal to CVBS analog signal. If the 3G/HD/SDI-SDI signal is embedded with audio signal, the product will output audio signal.

Dotek C8 series 3G/HD/SDI to analog video 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/SDI video input	
Signal standard	SMPTE424M, SMPTE292M, SMPTE259M, SMPTE297M, SMPTE305M, SMPTE310M
Channel	1 plus1 loop-through
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
Analog video output	
Signal standard	PAL 525/625 lines

Channel	1
Output level	1.0Vp-p@75Ω
Color delay	<10ns
Differential gain	<1.0%
Differential phase	<0.7 degree
SNR(Weighted)	>70dB
Impedance	75Ω
Connector	BNC
Analog audio output	
Channel	2
Frequency response	20Hz-20KHz@-0.5dB
Max level	17.4Vp-p(+18dBm)
SNR	>88dB
Isolation	>90dB@1KHz >90dB@20KHz
Output Impedance	Small resistance
Connector	XLR
Physical	
Dimension(H×W×D, mm)	44×176×221.2 (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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