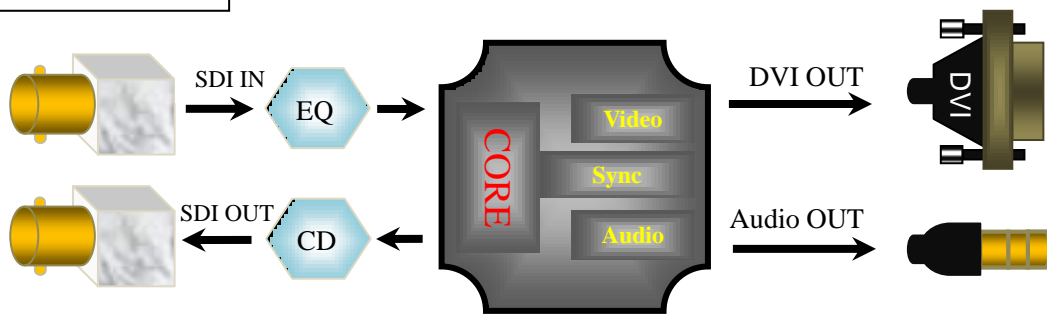


PD6315(SDI TO DVI)



Functional Diagram



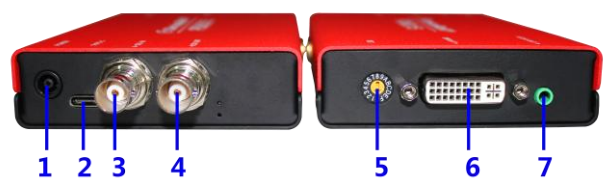
Product Overview

DeviceWell HD Video Converter, a dedicated 3G/HD/SD SDI signal into a DVI signal devices. The device integration 3G/HD/SD-SDI receiver and DVI encoder, can convert 3G/HD/SD-SDI signal to DVI signal. Meanwhile,PD6315supports the 3G/HD/SD-SDI signal audio de-embedded, output to the analog port. In addition, PD6315 also supports "frequency" feature, the inputted SDI signal "Transform" as the VESA standard resolution outputting.

Product features

- ◆ 3G/HD/SD SDI signal input
- ◆ Support 1080 P / 1080 I / 720 P / 480 I / 576 I / 1080 PSF video, etc format
- ◆ DVI signal output
- ◆ SDI input signal adaptive
- ◆ SDI built-in audio de-embedded
- ◆ Support analog audio output
- ◆ DVI can be set to "frequency" output
- ◆ Special function can be customized

Interface specification



- | | |
|---|---------------------|
| 1 DC 5V-12V | 2. Type-C interface |
| 3 SDI input | 4.SDI output |
| 5. Function setting (see the following table) | |
| 6. DVI output | 7. Audio output |

Product parameters

Product name	Professional HD Video Converter	
Product model	PD6315	
SDI input	Input signal	SDI HD serial digital video
	Bit rate	270Mbps~2.97Gbps
	Connector	BNC comply IEC169-8
	Amplitude of the signal	800mV ±10% (75R)
	Impedance	75Ω
DVI output	Output signal	Digital DVI output
	Connector	DVI-I
	Amplitude of the signal	800mV ±10%
	Impedance	100 Ω
Analog audio output	Output signal	Analog stereo audio
	Impedance	16Ω
	Connector	Earphone
Common parameters	Operating voltage	DC5-12V
	Power Consumption	<2W
	Host size	141 X 102 X 30 mm
	Control panel	digital code switch
	Weight	0.3 KG
	Working temperature	0°C ~ 50°C ,no condensation
	Storage temperature	-20°C ~75 °C
	Work humidity	20%~70%RH
	Storage humidity	0%~90%RH,no condensation

Parameter setting



Code	Output Resolution Set
0	800×600 @60HZ
1	1024×768 @60HZ
2	1280×720 @60HZ
3	1280×768 @60HZ
4	1280×800 @60HZ
5	1280×960 @60HZ
6	1280×1024 @60HZ
7	1360×768 @60HZ
8	1440×900 @60HZ
9	1600×1200 @60HZ
A	1920×1080 @60HZ
B	1400 X 1050 @60HZ
C	1080P @60HZ
D	1080P @60HZ
E	1080P @60HZ
F	1080P @60HZ

Model order

Product model	Function	Chassis type	Type of power	Others
PD6315	SDI To DVI	Mini	Standard AC-DC 12V power supply	
PD6316	SDI To VGA	Mini	Standard AC-DC 12V power supply	

PD6315 Application schematic diagram

