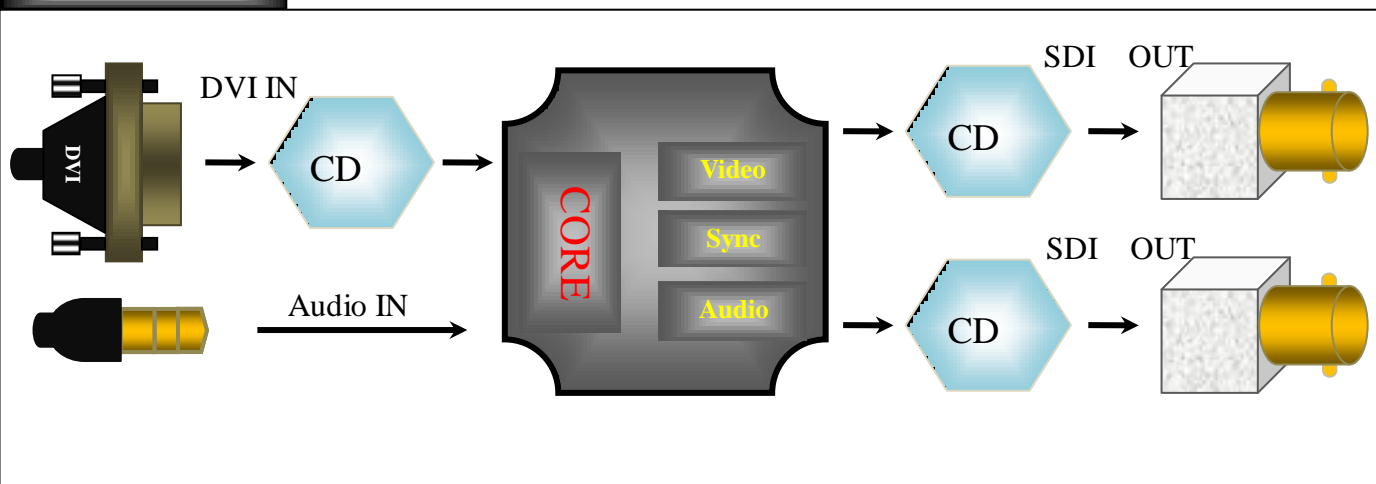


**PD6351( DVI TO SDI )**

Ver:2.0



**Functional Diagram**



**Product Overview**

DeviceWell HD Video Converter, a dedicated DVI signal into a 3G/HD/SD SDI signal devices. The device Integrated DVI receiver and 3G / HD / SD-SDI encoder, easily converted DVI signal transfer to 3G / HD / SD-SDI signal. At the same time PD6351 can also embed external analog stereo audio signal input to the 3G / HD / SD-SDI signal. Additionally, PD6351 also supports "any frequency" function, VESA standard DVI input signals can be "converted" to standard SDI signal output. The output resolution rate by choosing a digital code switch, simple and easy to use.

**Product features**

- ◆ The VESA standard DVI signal input
- ◆ Optional 3G/HD/SD SDI output signal
- ◆ Optional 1080P/1080I/720P/480I/576I/1080PSF output
- ◆ DVI input signal auto detected
- ◆ External analog stereo audio signal embedded in the SDI signal
- ◆ The SDI can be set to "any frequency" output
- ◆ special function can be customized

**Interface specification**




- |  |                            |
|--|----------------------------|
| 1.DC 5V-12                                   | 2.TypeC Upgrade            |
| 3. SDI Out                                   | 4.SDI Out                  |
| 5. LED indicator (P: power L: SD M: HD H:3G) |                            |
| 6. SET (see table below)                     | 7.DVI In    8. audio input |

## Product parameters

<b>Product name</b>	Professional HD Video Converter	
<b>Product model</b>	PD6351(DVI TO SDI )	
<b>DVI Input</b>	Input signal	VESA standard DVI
	Connector	DVI-I
	Amplitude of the signal	800mV±10%(75R)
	Impedance	100Ω
<b>Analog audio input</b>	Input signal	Analog stereo audio
	Digital sampling	48K
	Impedance	16Ω
	Connector	Earphone
<b>SDI Output</b>	Output signal	SDI (serial digital)
	Bit rate	270Mbps~2.97Gbps
	Impedance	75Ω
	Amplitude of the signal	800mV±10%
	Connector	BNC comply
<b>Common parameters</b>	Operating voltage	DC 5-12V
	Power Consumption	<2W
	Host size	136X 80X 25mm
	Control panel	digital code switch
	Weight	0.3 KG
	Working temperature	0°C ~ 50°C ,no
	Storage temperature	-20°C ~75 °C
	Work humidity	20%~70%RH
	Storage humidity	0%~90%RH,no

## Parameter

	
Code	Output Resolution Set
0	1080I @50HZ
1	1080P @60HZ
2	1080P @50HZ
3	1080I @60HZ
4	1080P @30HZ
5	1080P @25HZ
6	1080P @24HZ
7	720P @60HZ
8	720P @50HZ
9	720P @30HZ
A	720P @25HZ
B	576I @50HZ
C	480I @60HZ
D	Reserve
E	Reserve
F	Reserve

## Model order

Product model	Function	Chassis type	Type of power	Others
PD6351	DVI To SDI	Mini	Standard AC-DC 12V power supply	Support frequency conversion
PD6361	VGA To SDI	Mini	Standard AC-DC 12V power supply	Support frequency conversion
PD6321	HDMI To SDI	Mini	Standard AC-DC 12V power supply	Support frequency conversion
PD6341	CVBS To SDI	Mini	Standard AC-DC 12V power supply	Support frequency conversion
PD6095	USB play SDI output	Mini	Standard AC-DC 12V power supply	Support frequency conversion
PD6391	All of the above function	Mini	Standard AC-DC 12V power supply	Support frequency conversion

## PD6351 Application schematic diagram

