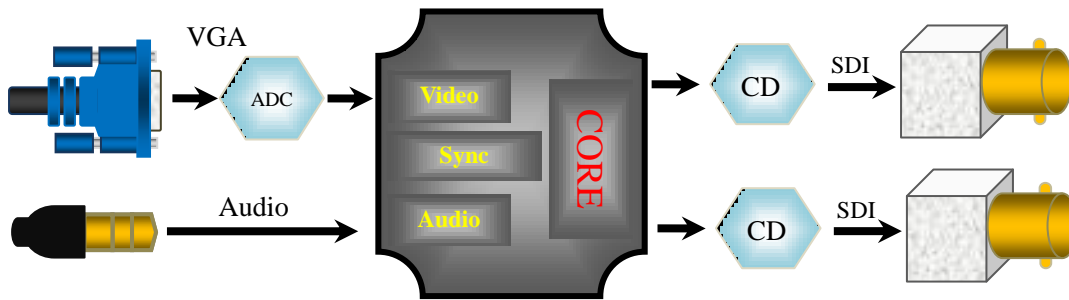


**PD6361(VGA TO SDI)**

V:2.0



**Functional Diagram**



**Product Overview**

DeviceWell HD Video Converter, a dedicated VGA signal into a 3G/HD/SD-SDI signal devices. The device Integrated VGA receiver and 3G / HD / SD-SDI encoder, can convert VGA signal to 3G/HD/SD-SDI signal. At the same time PD6361 can also embed external analog stereo audio signal input to the 3G / HD / SD-SDI signal. Additionally, PD6361 also supports "any frequency" function, VESA standard VGA input signals can be "converted" to standard SDI signal output. It's output resolution rate by choosing a digital code switch, simple and easy to use.

**Product features**

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

**Interface specification**




1. Output setting (see table below)
2. VGA input
3. Audio input
4. DC 5V-12V
5. USB power Supply
6. SDI output
7. SDI output
8. LED indicator (P: power L: SD M: HD H:3G)

### Product parameters

<b>Product name</b>	HD Video Converter	
<b>Product model</b>	PD6361	
<b>VGA Input</b>	Input signal	VESA standard VGA signal
	Connector	DB – 15
	Amplitude of the signal	800mV ± 10% (75R)
	Impedance	75Ω
<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 video signal)
	Bit rate	270Mbps~2.97Gbps
	Impedance	75Ω
	Amplitude of the signal	800mV ± 10%
	Connector	BNC comply IEC169-8 standards
<b>Common parameters</b>	Operating voltage	DC 5-12V
	Power	<2W
	Host size	141 X 102 X 30 mm
	Control panel	Digital code switch
	Weight	0.3 KG
	Working temperature	0℃~50℃ ,no condensation
	Storage temperature	-20℃~75℃
	Work humidity	20%~70%RH
	Storage humidity	0%~90%RH,no condensation

### Parameter setting

	
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
PD6361	VGA To SDI	Mini	Standard AC-DC 12V power supply	Support frequency conversion
PD6351	DVI 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

### PD6361 Application

