

## LM-PDS01 HD Video DVI to BNC SDI Converter



**Model No.:** LM-PDS01

### **Introduction:**

LINK-MI HD Video Converter is a device to convert DVI signal to 3G/HD/SD SDI signal. It integrates DVI Receivers and 3G/HD/SD-SDI Encoder, can convert the DVI signal to 3G/HD/SD-SDI signal. At the same time, LM-PDS01 supports external analog stereo audio signal embedded in the 3G/HD/SD-SDI signal. In addition, LM-PDS01 also supports the "frequency" function to convert the VESA standard DVI signal to standard SDI signal. The output resolution can be selected through digital coding switch, easy to operate.

### **Features:**

1. VESA Standard DVI signal input
2. Optional 3G / HD / SD SDI signal output
3. Optional 1080P/1080I/720P/480I/576I/1080PSF output
4. DVI input signal adaptive
5. Support DVI external analog stereo audio signal embedded in the SDI signal
6. SDI set up "frequency" output
7. SDI set up "fixed frequency" output
8. Special features can be customized

### **Specification:**

Name	HD Video DVI to BNC SDI Converter
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Model No.	LM-PDS01	
DVI Input	Signal	VESA Standard DVI signal
	Connector	DVI-I
	Signal Amplitude	800mV $\pm$ 10% ( 75 R)
	Impedance	100 $\Omega$
Analog Audio Input	Input Signal	Analog Stereo Audio
	Digital Sample	48K
	Impedance	16 $\Omega$
	Connector	Earphones
SDI Output	Output Signal	3G/HD/SD SDI Signal
	Code Rate	270Mbps~2.97Gbps
	Impedance	75 $\Omega$
	Signal Amplitude	800mV $\pm$ 10%
	Connector	BNC (IEC169-8 Standard)
General Parameters	Power Supply	DC 5-12V
	Power	<2W
	Dimension(L*W*H)	141*102*30 mm
	Control	DIP Switch
	Net Weight	0.3kg
	Operating Temperature Range	0-50 $^{\circ}$ C
	Storage Temperature Range	-20 to 75 $^{\circ}$ C
	Operating Humidity Range	20-70%RH
Storage Humidity Range	0-90%RH	

**Panel Description:**



- ① DIP switch
- ② DVI input port
- ③ Audio input port



- ④ DC 5V-12V
- ⑤ SDI output port
- ⑥ LED Instruction ( P: Power L:SD M: HD H: 3G)

**Setting Parameters:**



Coding	Resolution
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	Retention
E	Retention
F	Retention

**Connection Diagram:**



### **Connecting and Operating:**

1. Connect the cable of all the ports correctly.
2. Adjust the device on a suitable resolution, connect the power.

### **Packing Contents:**

1. Main Unit. HD video DVI to BNC SDI converter
2. DC 5V Power Supply
3. 1pcs Manual