

LM-PVS01 Pro VGA to SDI Converter

Introduction

LM-PVS01 Pro VGA to SDI Converter, a device which can convert VGA Signal to 3G/HD/SD SDI Signal, integrated VGA Receiver and 3G/HD/SD SDI Encoder. LM-PVS01 Pro VGA to SDI Converter can embedded external analog Stereo audio to 3G/HD/SD SDI Signal and Supports frequency conversion function, can transfer VESA Standard VGA input signal to standard SDI signal output. And the Output resolution can be choosed by DIP Switch, easy to use.

Features

1. VESA Standard VGA Signal Input
2. 3G/HD/SD SDI signal output
3. High resolution video output format 1080p/1080i/720p/480i/576i/1080psf
4. VGA input signal adaptively
5. Supports embedded external analog stereo audio to SDI signal
6. SDI can be setting as “ frequency conversion function “ output
7. SDI can be setting as “ fixed-frequency ” output
8. Special function can be customized

Specification

Product Type	Pro VGA to SDI Converter	
Model No.	LM-PVS01	
VGA Input	Input Signal	VESA Standard VGA Signal
	Connector	DB-15
	Signal Amplitude	800mV ± 10%(75R)
	Impedance	75Ω
Analog Audio Input	Input Signal	Analog Stereo Audio
	Digital Sampling	48K
	Impedance	16Ω
	Connector	Earphones
SDI Output	Output Signal	3G/HD/SD SDI
	SMPTE	270Mbps-2.97Gbps
	Signal Amplitude	800mV ± 10%
	Impedance	75Ω
	Connector	BNC (IEC169-8 Standard)
General Parameters	Power Supply	DC 5-12V
	Power Consumption	<2W
	Dimension (LxWxH)	141x102x30mm
	Control	DIP Switch
	Weight	0.3kg
	Operating Temperature Range	0-50℃
	Storage Temperature Range	-20 to 75℃
	Operating Humidity Range	20-70%RH
Storage Humidity Range	0-90%RH	

Panel Description



- ① DIP switch
- ② VGA 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)

DIP Switch Setting

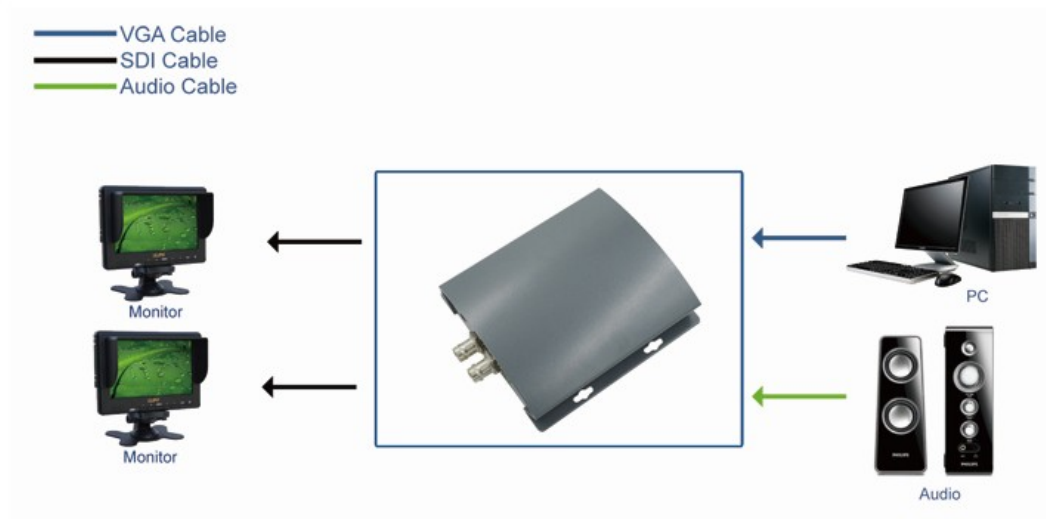
Coding	Resolution
0	1080i@50Hz
1	1080p@60Hz
2	1080p@50Hz
3	1080i@60Hz
4	1080p@30Hz
5	1080p@25Hz

6	1080p@24Hz
7	720p@60Hz
8	720p@50Hz
9	720p@30Hz
A	720p@25Hz
B	576i@50Hz
C	480i@60Hz
D	Reserved
E	Reserved
F	Reserved

Connection and Operating

1. Connect to the ports which need to be connected with correctly way
2. Adjusted to the device on suitable resolution and turn on the power.

Connection Diagram



Packing Contents

1. Main Unit. 1pcs Pro VGA to SDI Converter
2. 1pcs DC 5V Power Adapter
3. 1pcs User Manual