

LM-PSH01 Pro SDI to HDMI Video Converter Adapter



Model No.: LM-PSH01

Product Type: SDI to HDMI Video Converter Adapter

Introduction:

LM-PSH01 SDI to HDMI Converter Video Converter Adapter is a dedicated SDI signal to HDMI converter, designed based on LINK-MI third-generation technology, Integrates FRCS (Frames Rate Conversion System), SDI Receivers and HDMI Encoder, can convert the 3G/HD/SD SDI signals to HDMI high-definition video signals. At the same time,LM-PSH01 SDI to HDMI converter support de-embedded audio from 3G/HD/SD-SDI signal, output to HDMI and analog stereo ports.LM-PSH01 integrated up/down-conversion function, adaptive SDI signal input and selectable 1080p/1080i/720p,etc output.LM-PSH01 can also support external audio input, namely: external analog audio inputs can be embedded in HDMI.

Features:

1. Based on LINK-MI third-generation technology
2. Supports **3G/HD/SD SDI Signal Input/Looping Output**
3. Supports 1080p/1080i/720p/480i/576i Video format
4. Supports **1080PSF/ 720P 30/25/24Hz**
5. 1080P/1080I, 720P Frequency conversion output
6. Supports 1080I/1080P to 720P Down-Conversion function
7. Support PAL/NTSC/720P to 1080I/1080P Up-Conversion function
8. Adaptively SDI Input signal
9. **De-embedded Audio from SDI Input signal**
10. Support de-embedded audio from 3G/HD/SD-SDI signal to analog stereo audio output
11. Support external analog audio inputs embedded in HDMI
12. Can be costumed

Specification:

Name	SDI to HDMI Video Converter Adapter	
Model No.	LM-PSH01	
SDI Input / Output	Signal	3G/HD/SD SDI
	Connector	BNC (IEC169-8 Standard)
	SMPTE	270Mbps-2.97Gbps
	Signal Amplitude	800mv \pm 10% (75 Ω)
	Impedance	75 Ω
Analog Audio Output	Output Signal	Analog Stereo Audio
	Impedance	16 Ω
	Connector	Earphones
HDMI Output	Output Signal	HDMI Signal
	Connector	HDMI
	Signal Amplitude	800mv \pm 10% (75 Ω)
	Impedance	100 Ω
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:

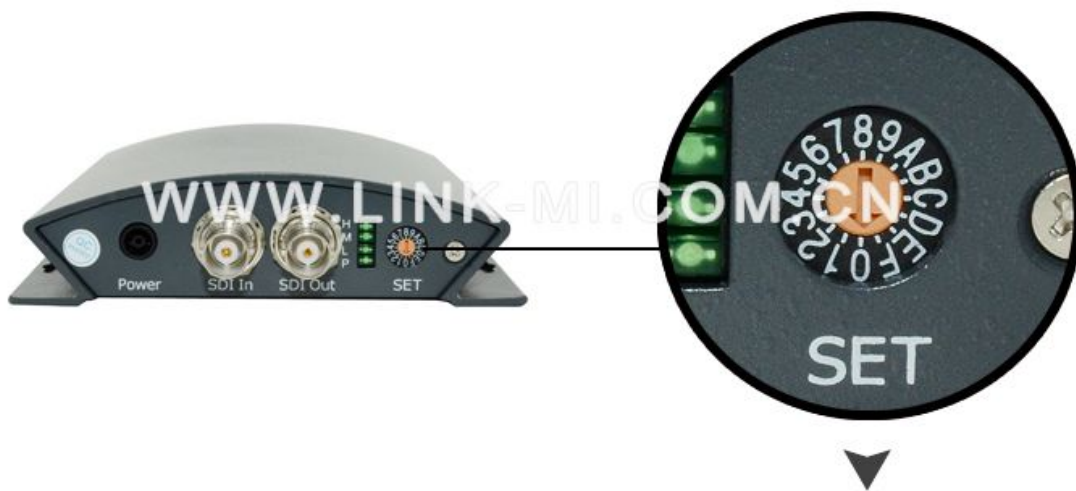


- ① DC 5V-12V
- ② SDI input port
- ③ SDI output port
- ④ LED Instruction (P: Power L:SD M: HD H: 3G)
- ⑤ DIP switch



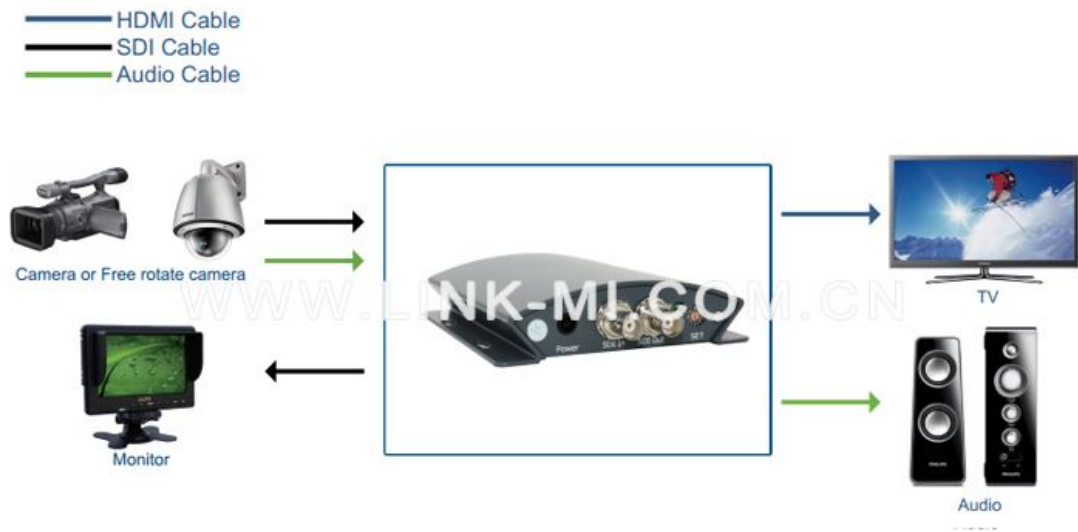
- ⑥ Audio output port
- ⑦ HDMI output port
- ⑧ Audio input port

Dip Switch setting:



Code	HDMI Output	Audio
0	1080I @50HZ	SDI
1	1080P @60HZ	SDI
2	1080P @50HZ	SDI
3	1080I @60HZ	SDI
4	1080P @30HZ	SDI
5	1080P @25HZ	SDI
6	720P @60HZ	SDI
7	720P @50HZ	SDI
8	720P @50HZ	EXT
9	720P @60HZ	EXT
A	1080P @25HZ	EXT
B	1080P @30HZ	EXT
C	1080I @60HZ	EXT
D	1080P @50HZ	EXT
E	1080P @60HZ	EXT
F	1080I @50HZ	EXT
SDI	SDI Embedded audio	
EXT	External audio input	

Connection Diagram:



Packing Contents:

1. Main Unit. SDI to HDMI Video Converter Adapter
2. DC 5V Power Supply
3. 1pcs Manual