

LM-PSC01 AV/CVBS Signal Supports SDI to BNC Video Converter Adapter



Model No.: LM-PSC01

Introduction:

LM-PSC01 AV/CVBS Signal Supports SDI to BNC Video Converter Adapter is apply to 3G/HD/SD SDI Signal Conversion Converter, integrates FRCS (Frames Rate Conversion System), SDI Receivers and CVBS Encoder, can convert the 3G/HD/SD SDI signal to composite Video CVBS. At the same time, LM-PSC01 AV/CVBS Signal Supports SDI to BNC Video Converter Adapter supports de-embedded audio from 3G/HD/SD SDI signal, output to the analog ports.

Features:

1. Supports **3G/HD/SD SDI Signal Input**
2. Supports **3G/HD/SD SDI Signal Looping Output**
3. Supports **1080p/1080i/720p/480i/576i Video format**
4. Supports **1080PSF/ 720P 30/25/24Hz**
5. **SD CVBS output** (Supports PAL/NTSC)
6. Supports Down-Conversion function
7. Down-Conversion have three mode ((Left/Right Cut, T/B Black, Point to Point Output) can be choosed
8. Adaptively SDI Input signal
9. De-embedded Audio from SDI Input signal
10. **Supports Analog stereo audio output**
11. SDI Looping out and synchronous CVBS output
12. Color Bar output
13. Can be costumed

Specification:

Name	SDI to BNC Video Converter Adapter	
Model No.	LM-PSC01	
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
CVBS Output	Output Signal	Analog CVBS Signal
	Connector	BNC (IEC169-8 Standard)
	Signal Amplitude	800mv \pm 10% (75 Ω)
	Impedance	75 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 CVBS output port
- ⑦ Audio output port

DIP Switch Setting:



Coding	Output Format	SDI Output
0	576i@50Hz 1:1	Loop
1	576i@50Hz L/R Cut	Loop
2	576i@50Hz T/B Black	Loop
3	576i@50Hz Color Bar	Loop
4	480i@50Hz 1:1	Loop
5	480i@50Hz L/R Cut	Loop
6	480i@50Hz T/B Black	Loop
7	480i@50Hz Color Bar	Loop
8	576i@50Hz 1:1	FRC
9	576i@50Hz L/R Cut	FRC
A	576i@50Hz T/B Black	FRC
B	576i@50Hz Color Bar	FRC
C	480i@50Hz 1:1	FRC
D	480i@50Hz L/R Cut	FRC
E	480i@50Hz T/B Black	FRC
F	480i@50Hz Color Bar	FRC

Note:

L/R Left/Right

T/B Top/Bottom

FRC Frame Rate Convert

Connection Diagram:

— SDI Cable
— CVBS Cable
— Audio Cable



Packing Contents:

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