

LM-PSY01 BNC SDI to YPbPr Converter



Model No.: LM-PSY01

Introduction:

LM-PSY01 BNC SDI to YPbPr Converter is a device to convert 3G/HD/SD-SDI signal to YPbPr Signal, based on the LINK - MI Third Generation Technology. It integrates 3G/HD/SD-SDI Receivers and YPbPr Encoder, can convert the 3G/HD/SD-SDI signal to component Video output. At the same time, LM-PSY01 BNC SDI to YPbPr Converter also can support De-embedded audio from 3G/HD/SD SDI signal, output to the analog ports. LM-PSY01 BNC SDI to YPbPr Converter integrated up-conversion and down-conversion function, with adaptively SDI signal input. The output resolution can be changed freely. Down-conversion can select Left/Right Cut or Top/Bottom with Black. It also can support full screen output.

Features:

1. Based on the LINK - MI Third Generation Technology
2. Supports **3G/HD/SD SDI Signal Input**
3. Supports 3G/HD/SD SDI Signal **Looping Output**
4. Supports 1080p/1080i/720p/480i/576i Video format
5. Supports **1080PSF/ 720P 30/25/24Hz**
6. SD/HD YPbPr output
7. Support up-conversion and down-conversion function
8. Select 3 kinds of mode freely under down-conversion
9. Adaptively SDI input signal
10. **De-embedded Audio from SDI input signal**
11. Supports Analog stereo audio output
12. Can be costumed

Specification:

Name	BNC SDI to YPbPr Converter	
Model No.	LM-PSY01	
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
YPbPr Output	Output Signal	Analog YPbPr 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 (non-condensing)
	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 YPbPr output port

DIP Switch Setting:



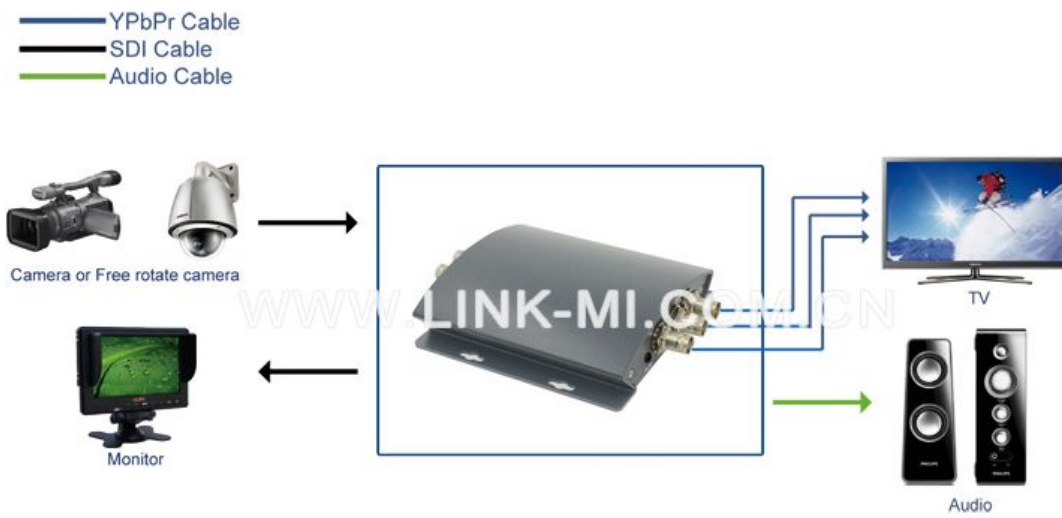
Coding	Resolution
0	1080I @50HZ
1	1080P @60HZ
2	1080P @50HZ
3	1080I @60HZ
4	1080P @30HZ
5	1080P @25HZ
6	1080P @24HZ
7	720P @60HZ
8	720P @50HZ
9	720P @30HZ
A	720P @25HZ
B	576I@50HZ
C	576I@50HZ L/R Cut
D	576I@50HZ T/B Black
E	480I@60HZ
F	480I@60HZ T/B Black

Note:

L/R Left/Right

T/B Top/Bottom

Connection Diagram:



Packing Contents:

1. Main Unit. BNC SDI to YPbPr Converter
2. DC 5V Power Supply
3. 1pcs Manual