Introduction

LM-PSD41 SDI Switch, a professional SDI signal Video Processor, is widely used in broadcasting and HDTV. It can be applied to a variety of environments, such as TV station, OB Van, command and control center, meeting room, court as well as hospital.

Feature

1. SDI resolution self-adjustment, supports standard definition, high definition or 3G.
2. Dip switch for adjusting different resolutions.
3. Supports PIP,POP and pop-up windows overlap, each window can be moved, enlarged and diminished.
4. Simply control. The native software give user a simple GUI. User not only can easily adjust window's position, also can save the self-defined window modes for convenient reuse.
5. Supports remote upgrading function, meets the needs of customers' specific demands.
6. Supports UMD V3.1 /UMD V4.0 / UMD V5.0 protocol.
7. Character color and serbaud can be changed.
8. Special requirements can be customized.

Panel Description

No.	Name	Function	Dip Switch	Resolution
1	DIP Switch	Resolution adjustment	1	1080P@50HZ
2	Indicator	Status of device running	2	1080P@60HZ
3	UTP port	Connect to PC，for controlling and upgrading	3	1080P@25HZ
4	GPI Port	For Customized Purpose（Reserved interface）	4	1080I @50HZ；（Reserved）
5	Serial Port	Connect to PC（Reserved interface）	5	1080I @60HZ；（Reserved）
6	Audio Interface	Audio input and output（Reserved interface）	6	720P@50HZ
7	DVI Interface	Connect to DVI Monitor（Reserved interface）	7	720P@60HZ
8	SDI Interface	Connect to SDI Monitor	8-F	Reserved
9	SDI Interface	Connect to SDI input signal source	0	1080P@30HZ
10	Power Supply	DC 12V		

[Specification]

1	Video Input	supports 4 SDI in, resolution is adaptive
		Can be customized to achieve 29.97HZ,59.94HZ video
2	Video Output	1 SDI out；1 DVI out（Reserved）
		Choose resolution by DIP Switch（see the above table）
3	Key Parameter	Supports RS232/RS485 and UTP interface
		Selectable UMD V3.1 /UMD V4.0 / UMD V5.0 protocol；
		Supports 6 GPI interface；
		UMD character display can be set as dynamic display that follows UMD protocol, also can be entered any character manually as a fixed displayed characters；
		UMD character color can be sets as red/yellow/green；
		UMD accepts external GPI control to red or yellow;
		Serbaud can be changed；
		UMD address can be set as 0-255；
4	Basic Parameter	Operating temperature range:0°-70°
		2kg
		DC 12V-1.5A

UTP Cable
RS232/RS485 Cable
Audio Cable
SDI Cable
DVI Cable

PC

Audio

Display

Display