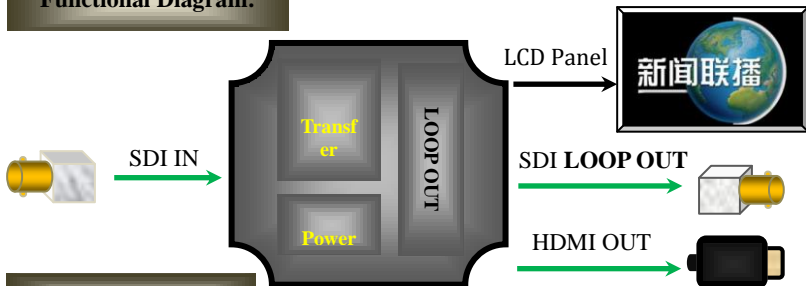


MD1112 (SDI to HDMI + Loop out + LCD + Speaker)



Functional Diagram:



Parameters Setting:



1	Left (HDMI)	Select HDMI signal input
	Right (SDI)	Select SDI signal input
2	Left	Speaker: Off ; LCD: On
	Mid	Speaker: On ; LCD: On
	Right	Speaker: Off ; LCD: Off

Product Parameters:

Model	MD1112	
SDI Video Input	Signal	SDI Signal
	Connector	BNC
	Bit rate	270Mbps~2.97Gbps
	Signal amplitude	800mV±10%(75Ω)
	Impedance	75Ω
HDMI Video Output	Output signal	Standard HDMI
	Connector	HDMI
	Signal amplitude	800mV±10%
	Impedance	100Ω
General Parameters	Power supply	USB 5V
	Size	107.5*48*29.5mm
	Control panel	No.
	Weight	--
	Working temperature	0℃~50℃ No condensation
	Storage temperature	-20℃~75℃
	Working humidity	20%~70%RH
	Storage humidity	0%~90%RH, No condensation

Product Introduction:

DeviceWell HD Video Converter MD1112, based on FHD broadcast 3G SDI signal design. The SDI input supports up to 3G SDI level A/B signals and is backward compatible with HD SDI and SD SDI. MD1112 built-in SDI signal equalizer, SDI decoder, SDI driver, HDMI decoder and HDMI encoder, LCD display driver and audio power amplifier, can achieve one SDI loop out and one SDI to HDMI, SDI video on LCD display, SDI Audio de-embedding and audio amplifiers. The device uses a pure hardware architecture with fast startup, low power consumption and no delay output, can be widely used in professional broadcast television equipment, medical equipment, high-definition conference systems, high-definition teaching equipment, signal transmission, security monitoring and multimedia advertising applications.

The Micro USB interface is also used for powering the device and can be applied to USB mobile device power supply systems such as charging treasures. In addition, the equipment is equipped with 1/4 hot shoe screw, which is convenient for professional users to fix equipment.

Product Features:

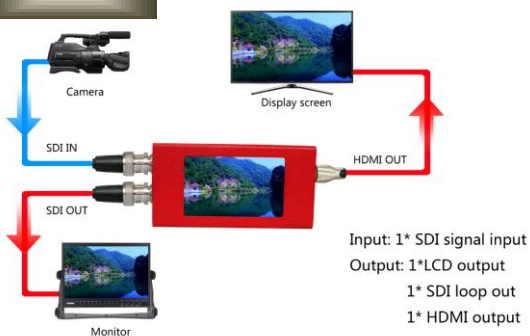
- ◆ SDI input supports 3G/HD/SD SDI
- ◆ Input and output resolution adaptive, through output, up to 1080P60;
- ◆ SDI signal is displayed on the LCD
- ◆ SDI supports level A & level B when inputting 3G
- ◆ Support one way HDMI signal output
- ◆ Support one way SDI loop output
- ◆ USB (5V) power supply system
- ◆ 1/4 hot shoe fixed screw.

Interface Description:



Code	Function	Code	Function
1	SDI IN	2	SDI OUT
3	USB power supply	4	Speaker and LCD switch
5	HDMI OUT		

Application:



Size:

