

技术参数 / Technical Specifications

视频

输入.....1路SD/HD-SDI,3G HD-SDI,BNC接口
输出.....1路SD/HD-SDI,3G HD-SDI,BNC接口
 1路HDMI输出（不支持CEC、HDCP）
 1路VGA输出
SDI输入输出码率.....1.485 Gb/s和2.97 Gb/s

音频

音频输出.....1个3PIN凤凰头
输出阻抗.....<15 Ω
信噪比.....>85 dB
通道分离度.....>60 dB
频响.....30 - 20 kHz (-3 dB)

控制种类

串行控制端口.....RS232, 3PIN凤凰头
 波特率: 9600; 数据位: 8位
 停止位: 1; 无奇偶校验位

规格

电源.....9 - 12 V DC
温度:
 工作温度.....0℃ - +50℃
 储存温度.....-20℃ - +70℃
湿度.....10% - 90%
尺寸.....150×100×40 mm
重量.....0.4 kg

Video

Input1 SD/HD-SDI, 3G HD-SDI on a BNC connector
Output.....1 SD/HD-SDI, 3G HD-SDI on a BNC connector; 1 HDMI connector (unsupport CEC and HDCP); 1 VGA
Input/output data rate....1.485 Gb/s and 2.97 Gb/s

Audio

Output.....1 3-pin Phoenix
Impedance.....<15 Ω
S/N.....>85 dB
Stereo channel separation.....>60 dB
Frequency response.....30 - 20 kHz (-3 dB)

Control

COM (RS-232).....3-pin Phoenix
 Baudrate: 9600, data: 8 bits
 stop: 1 bit, no parity

General specs

Power supply.....9 - 12 V DC
Temperature
 Operating.....0 ℃ to + 50℃
 Storage.....-20℃ to + 70℃
Humidity.....10% - 90%
Dimensions.....40×150×100 mm
Weight.....0.4 kg

TAIDEN®

TMX-HDSDI2HDMI 3G HD-SDI to HDMI Converter

Excellent solutions for conferences



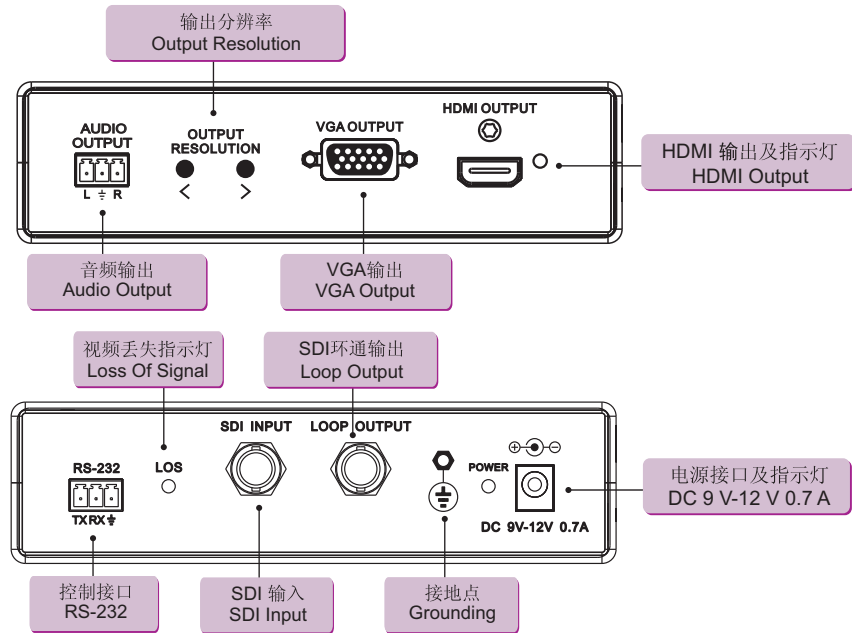
分辨率优选配置表 Commendatory assignation of resolutions

Input \ Output	SDI to HDMI							SDI to VGA	
	AUTO	1280×720p60	1280×720p50	1920×1080i60	1920×1080i50	1920×1080p60	1920×1080p50	1024×768p60	1280×1024p60
1280×720p60	✓	✓		✓		✓		✓	✓
1280×720p50	✓		✓		✓		✓		
1920×1080p30	✓								
1920×1080i60	✓	✓		✓		✓		✓	✓
1920×1080i50	✓		✓		✓		✓		
1920×1080p50	✓		✓		✓		✓		
1920×1080p60	✓	✓		✓		✓		✓	✓

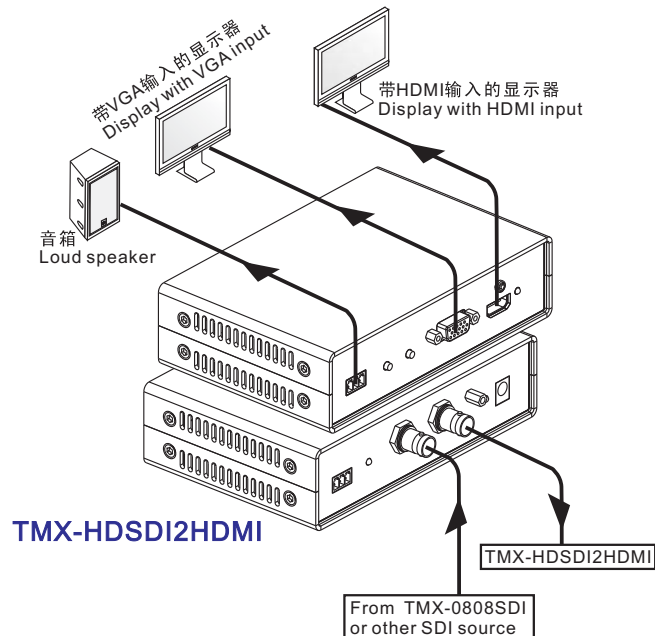
3G HD-SDI to HDMI 转换器

User's Manual
用户手册
V 1.0

功能指示 / Functions and Indications



系统连接图 / System Connection



设置及操作 / Setup and Operation

TMX-HDSDI2HDMI转换器将SDI视频输入信号经视频DSP处理后再编码成带音频嵌入的HDMI码流输出，也可同时输出VGA信号，以方便本地监控。

■ 设置

1. 根据需求连接好相应设备后，接上电源即可，此时电源指示灯亮起。
2. 可通过<、>按键选择输出分辨率：
VGA输出：800×600p60/75, 1400×1050p60, 1024×768p60/75, 1360×768p60, 1280×1024p60/75;
HDMI输出：（包括以上VGA输出分辨率）
720×480p60, 720×576p50, 1280×720p60/50/30/25, 1920×1080p60/50/30/25, 1920×1080i60/50, AUTO。
3. 同时按住<、>按键选择输出类型，每按一次可在VGA和HDMI输出之间进行切换，两者不同时输出。
4. 同时按住<、>按键开机，1-2s后松开按键，可将输出类型设置为HDMI，分辨率为AUTO，同时关闭VGA输出。

注意：HDMI有输出时其指示灯将亮起。

■ 输入选择

SDI输入支持多种视频格式且具自适应性，可根据视频输入格式自动配置参数：

HD 720p: 25,30,50,60;
HD 1080i: 50,60;
HD 1080p: 24,25,30;
3G 1080p: 50,60。

注意：请使用原厂提供的专用电源适配器。

Note: Please use the specific power adapter only.

TMX-HDSDI2HDMI transfers SDI input into HDMI signal as digital audio and video output, and also into VGA signal at the same time, that is convenient for local monitor.

■ Setup

1. Connect to the devices and power on, the indicator of the power will be turn on.
2. Use the < or > button to select the resolution of output:
VGA output: 800×600p60/75, 1400×1050p60, 1024×768p60/75, 1360×768p60, 1280×1024p60/75;
HDMI output: (includes the resolutions of VGA)
720×480p60, 720×576p50, 1280×720p60/50/30/25, 1920×1080p60/50/30/25, 1920×1080i60/50, AUTO.
3. Every time to press the < and > buttons at the same time can switch the output type between VGA and HDMI, it can only put out one type at a time.
4. Press the < and > buttons at the same time for 1-2 seconds when power on to set the output type as HDMI and the resolution as AUTO, and close the output of VGA at the same time.

Note: The HDMI indicator will be turn on when the HDMI interface has output signal.

5. The LOS indicator will turn on when the video signal lost, "Video loss!" will be displayed on the screen and the video image will be froze or a blue screen will be displayed.

■ Input selection

SDI input supports multimode video and can configure parameters according to the type of video input automatically:

HD 720p: 25,30,50,60;
HD 1080i: 50,60;
HD 1080p: 24,25,30;
3G 1080p: 50,60.