

### Product Description

MVIO TSG is a HD/SD text signal transmitter which can output 2ch. HD/SD test signals. The module is able to continuously and steadily output static and dynamic test graphic of several formats. Through the network users can upload custom test graphics and video/audio test materials as the final test signal output. The module also support frame sync, provides 1ch. external sync for H/V phase adjustment. MVIO TSG has a network interface, build-in web server and Ethernet management, supports SNMP. Through the webpage, you can output control, format setting and material management, etc.



### Interface



### Key Features

- Output supports 1080i, 720p, 625i, 525i, etc.
- Provide an individual external sync connector and frame sync  
Support PAL/NTSC BB and tri-level sync signal.
- Internal 20 bit digital processing for output of high quality
- Several standard HD/SD test graphic, support custom test graphics and video/audio materials
- Provide real-time indicator of signal and power supply status
- Provide one standalone network interface

### Technical Specification

#### Reference Input:

Input interface: 1\*CVBS / Tri-level, BNC  
 Impedance: 75 ohms  
 Standard: PAL / NTSC / Tri-level

#### Digital Video Output:

Output interface: 2\*SD-SDI, BNC  
 Impedance: 75 ohms  
 Format: SMPTE 292M; 1.485Gbps  
 SMPTE 259M-C; 270Mbps  
 Signal level: 800mV±10%  
 Overshoot: < 80mV  
 Jitter: < 740ps  
 Rise and fall time: < 1500ps  
 Rise and fall time difference: < 500ps  
 Operating temperature: 0°C—40°C

#### Consumption:

Equipment Consumption: 60W\*1  
 Size: 220mm×430mm×44mm

### Order Information

| Type             | Functions                     |
|------------------|-------------------------------|
| <b>MVIO CLIP</b> | HD/SD video solid clip player |
| <b>MVIO TSG</b>  | HD/SD test signal generator   |