

SDI To HDMI User Manual

Special Notification

- ※ Before using this product, please read this manual carefully.
- ※ Please keep this manual for future reference.
- ※ The company may change the function of product without notice.

Summary

SDI to HDMI converter is a device converting single-channel high-definition digital component serial interface(HD-SDI and 3G-SDI)signal to HDMI signal. The device is integrated SDI receivers and HDMI modulator, it can convert SDI signal to HDMI signal easily, meanwhile, the audio signal brought from SDI will be embedded into the HDMI signal, in order to achieve sound and audio transmission synchronized. Working principle is converting single-channel digital component serial interface(SDI) signals into TMDS signals, thus high-definition cameras and displays with HDMI interface terminal can be connected.

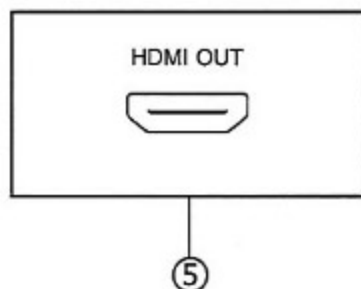
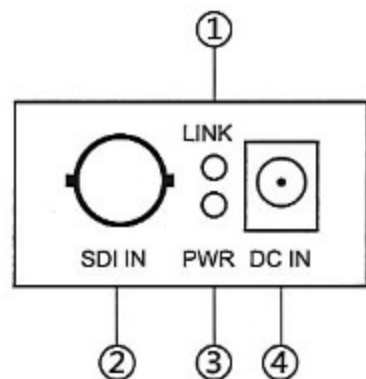
It is the idea videoprocessing equipment matching the video conferencing system, broadcast TV system CCTV system, and TV monitoring system.

Features

- ◆ SDI input compatible SMPTE 424M, SMPTE 292M and SMPTE 259M;
- ◆ Resolutions up to: 1920*1080P@60Hz;
- ◆ Using HDMI AWG24 standard cable, the input transmission distance of 15 meters;
- ◆ Support HDMI output;
- ◆ Support SDI input;
- ◆ Simple installation;
- ◆ No signal loss.

(To prevail in kind)

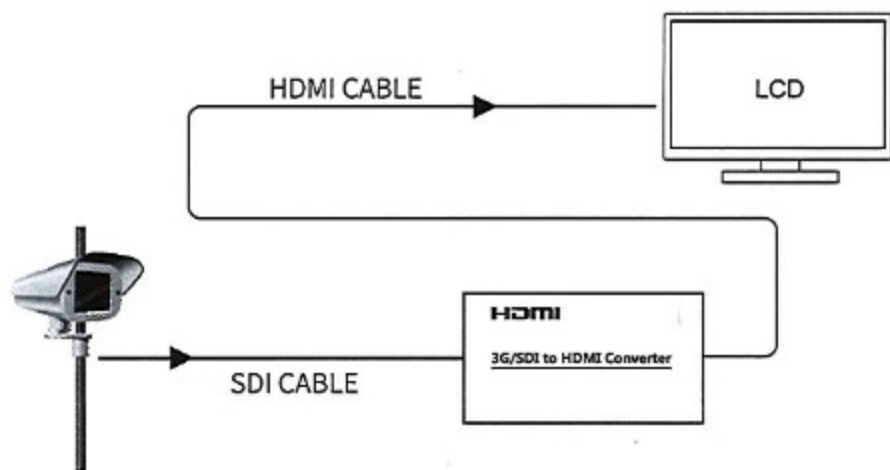
Introduction of the front and rear panels



- ① Signal indicator
- ② SDI input interface
- ③ Power indicator

- ④ Power supply interface
- ⑤ HDMI output interface

System Connection Diagram



Product Specification

Support resolution-----480i/576i, 720P@50/60Hz,
1080i@50/60Hz,1080P@24/25/30/50/60Hz
Output TMDS signal -----0.5-1.5Vp-p(TTL)
Output DDC signal -----5Vp-p(TTL)
Output cable distance -----
-----≤15m AWG24 HDMI1.3 standard cable
SDI format -----SD/HD/3G SDI
Max working current-----100MA
Power adapter format input-----
-----AC (50/60Hz) : 100V-240V, Output: DC12V/1A
Operating Temperature range-----0~40°C
Operating Humidity range-----5~85%RH(No condensation)
Sender Dimension(L×W×X) -----82×44×22(mm)
Receiver Weight-----120g

Packing List

No.	Part	Qty
1	Product host	1
2	Power adapter	1
3	Manual	1

The matters needing attention of installation

In order to ensure the reliable performance of the equipment and the safety of the user, please observe the following matters during the process of installation, use and maintenance.

- Please do not use this product in the following places: the place of dust, soot and electric conductivity dust, corrosive gas, combustible gas; the place exposed to high temperature, condensation, wind and rain; the occasion of vibration and impact. Electric shock, fire, wrong operation can lead to damage and deterioration to the product, either;
- Should avoid wiring and inserting cable plug in charged state, otherwise it is easy to cause the shock, or electrical damage;
- The installation and wiring should be strong and reliable, contact undesirable may lead to false action;
- This product grounds by the grounding wires. To avoid electric shocks, grounding wires and the earth must be linked together. Before the connection of input or output terminal, please make sure this product is correctly grounded;
- Only after cutting down all external power source, can install, wiring operation begin, or it may cause electric shock or equipment damage;
- Please do not dismantle the equipment, avoid damaging the internal electrical component.