



HSC5831

HDMI to SDI Converter

This is a high quality video converter, the signal of the HDMI or the DVI can be converted to HD/SD-SDI signal with high quality. It is mainly applied to the broadcast system, high-speed rail, distance transmission of the military signals, and other fields, which require high definitions.



Features

- ▶ High standard SDI output and accurate audio embedding can guarantee that the signals meet the broadcast requirements.
- ▶ Compatible with DVI and HDMI format.
- ▶ Standard audio SRC; the 48K sampling rate can achieve phase lock strictly.
- ▶ Both the HDMI audio and external audio can be embedded to SDI signal, the embedded channel is selectable.
- ▶ Supports up to 1080p resolution and compatible with HD/SD video backwards.
- ▶ Supports conversion from 1080p to 1080i for the convenience of the transmission and monitoring.
- ▶ Supports the DVI resolution signal input.
- ▶ WEB page control with no need of the trivial control software installation.
- ▶ Adopts the innovative detachable installation part, this unit can be installed on the rack or the wall.
- ▶ Supports EDID detection.
- ▶ Status memory when restarted.

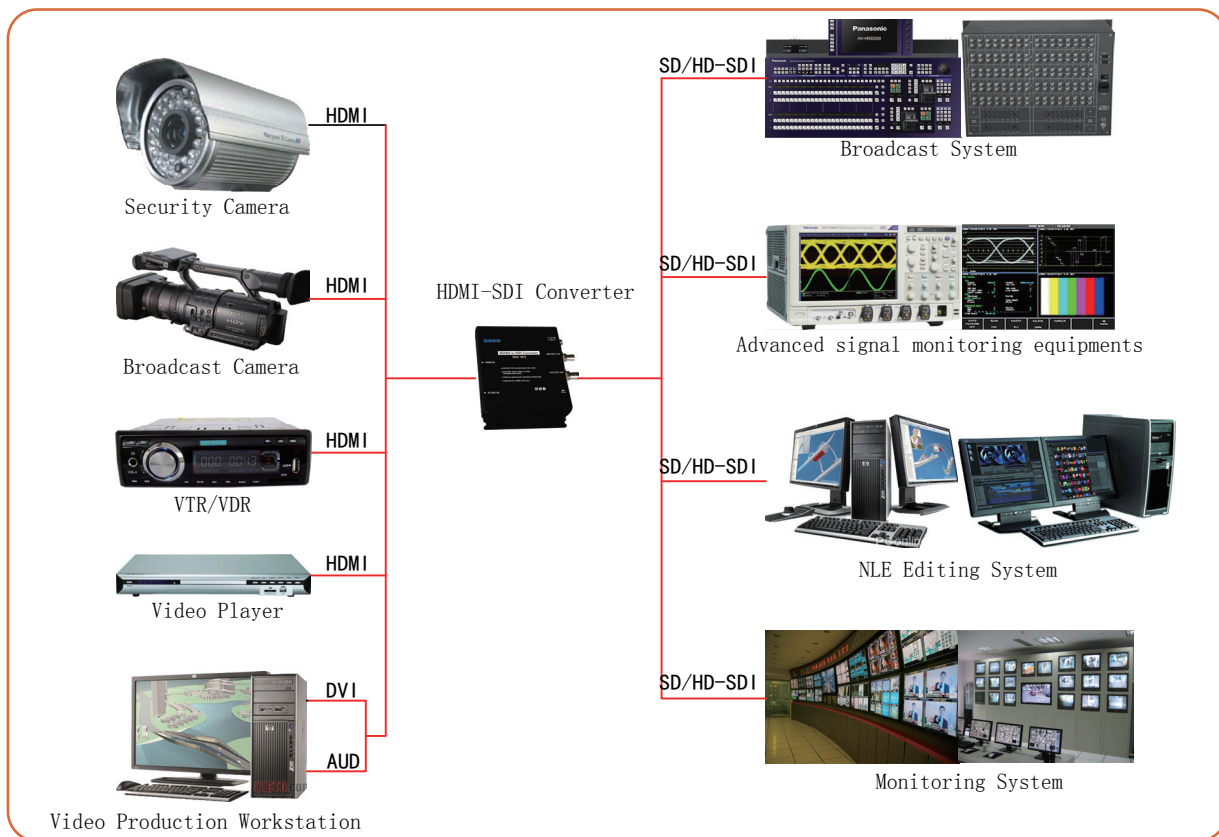
Specifications

Input Interface	
Digital Video	1*HDMI
Analog Video	3.5mm stereo
Input Resolution	
1920*1080, 1920*1200, 1680*1050, 1600*900, 1400*1050, 1440*900, 1366*768, 1360*768, 1280*1024, 1280*960, 1280*800, 1280*768, 1280*720, 1152*864, 1024*768	
Video Output	
2*HD-SDI, BNC	
Power	
12V/5V DC	

Specifications are subject to change without notice.

Video Standard	
SMPTE-259M; 270Mbps	
SMPTE-292M; 1.485Gps	
SMPTE-425M; 2.97Gps	
Supported Format	
3G: 1080p 50/59.94/60Hz	
HD: 1080p 24/25/30Hz; 1080i 50/59.94/60Hz; 720p 50/59.94/60Hz	
Impedance	
75ohm	
Control	
RJ45	

Application



- ▶ It has been widely applied to the signal conversion in the broadcasting system. The HDMI signal in the HD/SD recording and playing equipments can be converted to SDI signal to enter the master control router system, signal output system and signal monitoring system, etc.
- ▶ It can connect the security camera and other video and audio equipments with HDMI interface to the remote HD monitoring center via HDMI-SDI converter, like the HD-SDI systems in military drills, subway, security system and so on.
- ▶ The HDMI output signal of the computer workstation and other HDMI video source can be converted to SDI signal to achieve acquisition, broadcasting and long distance transmission and etc.

OSEE TECHNOLOGY CO., LTD.

Add: No.22 Building, No.68 Zone, Beiqing Road, Haidian District, Beijing 100094 China
Tel: +8610 6243 4168-8017 **Fax:** +8610 6243 4169
E-mail: sales@osee-dig.com

OSEE AMERICAS LTD.

Add: 43218 Christy St Fremont, CA 94538
Tel: +1 510 996 4499 **E-mail:** info@oseeamericas.com
Toll Free: 866 625 6106 **Online Mall:** www.oseedirect.com