

iTrans HD

HDMI to 3G SDI Converter

User manual V1.0





Introduction

The **iTrans HD** is a professional-grade HDMI to SDI video converter, supports 3G/HD/SD out. It integrates HDMI receiver and 3G/HD/SD SDI encoder, which can easily convert HDMI signals into SDI, embed audio in HDMI signal into SDI signals, and support 1x HDMI input and 2-CH SDI signal outputs.

The converter input signal is adaptive, and the output resolution remains the same as the input. 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 TYPE C interface is also used for powering the device and can be applied to TYPE C mobile power supply such as power bank. In addition, the equipment is equipped with 1/4 screw hole, which is convenient for professional users to fix on tripod or camera.

Key Features

Support 1-CH HDMI to 2-CH SDI outputs

Input and output resolution adaptive, output up to 1080P60Hz

TYPE C(5V) power supply

1/4-inch fixed screw hole

Connections



No.	Description
1	HDMI IN
2	SDI Out
3	SDI Out
4	USB Type C, power supply

Diagram



Spec

Model	iTrans HD	
Name	HDMI to 3G SDI Converter	
HDMI Signal Input	Output Signal	HDMI video signal
	Connector	HDMI
	Signal amplitude	800mV±10%(100Ω)
	Impedance	100Ω
SDI Signal Output	Output signal	SDI signal
	Connector	BNC
	Bit rate	270Mbps~2.97Gbps
	Signal amplitude	800mV±10%(75Ω)
	Impedance	75Ω
Others	Power supply	TYPE C 5V
	Size	107.5*48*25.5mm
	Control panel	No
	Weight	0.18KG
	Working temperature	0°C~50°C
	Storage temperature	-20°C~75°C
	Work humidity	20%~70%RH
	Storage humidity	0%~90%RH

Package list

iTrans HD 1x

USB A to C power cable 1m 1x

User manual 1x



Technical support

For any technical support, please contact your local distributor, reseller or send email to INFOBIT directly via info@infobitav.com.