iTrans DH

3G SDI to HDMI Converter w/ SDI Loopout

User manual V1.0

Introduction

The **iTrans DH** is a professional-grade SDI-to-HDMI video converter, dedicated 3G/HD/SD SDI signal converted to HDMI signal. The device integrates a 3G/HD/SD-SDI receiver and an HDMI encoder to easily convert 3G/HD/SD-SDI signals to HDMI and embed audio from SDI signal into HDMI signal. The iTrans DH supports adaptive SDI signal input, and the output resolution remains the same as the input. In addition, the converter supports one SDI loop out. 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 power supply and can be applied to USB mobile power supply such as power bank. In addition, it is equipped with 1/4 screw hole, which is convenient for professional users to fix on tripod or on camera.
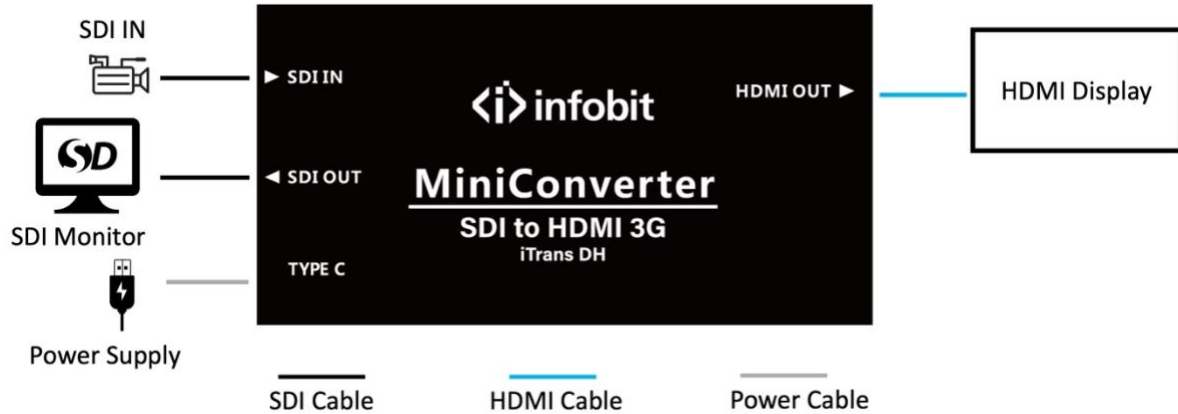
Key Features

- Support 3G/HD/SD SDI signal input
- Input and output resolution adaptive, output up to 1080P60
- Support 1-CH HDMI output
- Support 1-CH SDI loop out
- TYPE C (5V) power supply
- 1/4 fixed screw hole
- Support both Level A and Level B inputs

Connections

No.	Description
1	SDI IN
2	SDI Loopout
3	Type C power supply
4	HDMI OUT

Diagram

Spec

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

Package list

iTrans DH 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.