

SDI+HDMI to UVC+USB3.0



Product Introduction

DeviceWell's UD series product UD1005 is a device with UVC output that facilitates terminal image capture.

UD1005 is a live broadcast auxiliary device developed for the general live broadcast market. SDI or HDMI signal input can be selected through the SET dial code, and the commonly used SDI signal or HDMI signal can be easily connected to terminals such as computers and mobile phones, which is convenient for users to flexibly access Own live broadcast platform. The device supports UVC + UAC function, connects to the PC device through the output signal, and connects to the OBS software to realize the transmission of live video and audio to the audience in HD 1080P streaming media content.

The device is equipped with a Micro usb interface for device power supply, which can be applied to USB mobile device power supply systems such as charging treasure. In addition, the equipment is equipped with 1/4 hot shoe screw, which is convenient for professional users to fix the equipment.

Product Features

- ◆ SDI + HDMI to UVC/UAC
- ◆ Support UVC protocol output
- ◆ Support SDI+HDMI to SDI output
- ◆ Dual interface input, support SDI + HDMI
- ◆ No external power supply required, USB internal power supply is sufficient
- ◆ Support interlaced to progressive
- ◆ Support external 3.5 headphone jack stereo audio embedding
- ◆ Support Windows, Android and other OS

Interface Description



NO.	Features	NO.	Features
1	USB upgrade	5	SET Control
2	HDMI input	6	SET (UVC+UAC)
3	SDI input	7	Audio IN
4	SDI output		

Product Parameters

Name	UVC output image capture converter	
Model	UD1005	
SDI Signal	Signal	SDI HD serial digital video signal
	Connector	BNC complies with IEC169-8
	Bit rate	270Mbps~2.97Gbps
	Signal amplitude	800mV±10%(75Ω)
Input / Output	Impedance	75Ω
	Output signal	Standard HDMI signal
HDMI Signal	Impedance	100Ω
	Signal amplitude	800mV±10%
	Connector	HDMI
Common Parameters	Power supply	DC 5V
	Power	<3W
	Size	101*69*26mm
	Weight	0.3 KG
	Working temperature	0°C~50°C no condensation
	Storage temperature	-20°C~75°C
	Work humidity	20%~70%RH
	Storage humidity	0%~90%RH, no condensation

Parameter Setting



SET	ON	OFF
SET1	SDI IN	HDMI IN
SET2	Reserved	Reserved
SET3	Audio follow	Sound de-embedding
SET4	Output resolution 1080P60Hz	Output resolution 1080P50Hz

Note: Dial up is ON
Dial down is OFF

Size



Application

