

USB接口对接OBS软件操作说明

步骤1：通过USB数据线将单板与WIN7相连，WIN7端识别后，设备列表会出现Devicewell Audio Interface和Devicewell Digital Video，代表识别ok。如图1所示。图1设备管理器中Audio和Video节点。

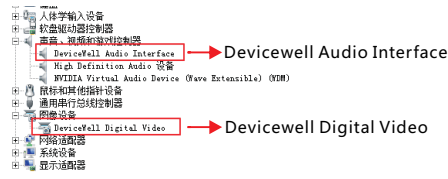


图1

步骤2：添加视频捕获设备

打开OBS软件，点击界面左下角的来源框的“+”然后点击“视频捕获设备”，如图2所示。点击“视频捕捉设备”后将出现一个可以修改名称的界面，可以自定义名称。如图3所示



图2



图3

步骤3：设置视频捕获设备属性

①设置视频属性。

设备选择：Devicewell Digital Video；分辨率/帧率 类型选择：自定义；分辨率可以选择：1920*1080、1280*720、640*360，如图4所示。

②下拉设置音频属性。

音频输出模式选择：输出桌面音频（WaveOut）；勾选使用自定义的音频设备

音频设备选择：Capture Input terminal(Devicewell Audio Interface)，如图5所示。



图4

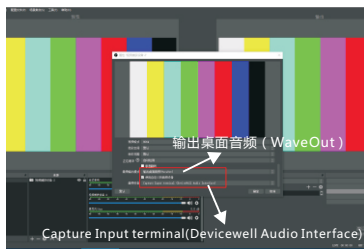


图5

说明：

HDS7105 USB对接不同版本OBS测试结果：

- 1.分辨率设置需要选择自定义才会有视频显示，如果设置后无图像显示，需要设置视频格式修改为MJPEG。
- 2.OBS-Studio-25.0.1以前的版本每次使用前需要先将设备与电脑连接，再打开OBS软件，否则OBS软件无法识别USB设备。
- 3.OBS-Studio-25.0.1以后的版本可以支持MJPEG和H.264，使用H.264，图像质量会有所提升。

切换台与安卓手机连接使用说明



步骤1：在安卓手机端安装APP：USB摄像头，如图

步骤2：使用转接线连接设备和手机，如图

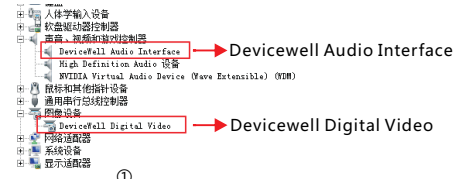


说明：需要使用可以支持UVC的手机

Instructions for USB interface to OBS software

Step 1: Connect the board to WIN7 through the USB data cable. After the WIN7 end is identified, Devicewell Audio will appear in the device list. Interface and Devicewell Digital Video represent ok.

As shown in Figure ①. Figure ① Audio and Video nodes in the device manager.

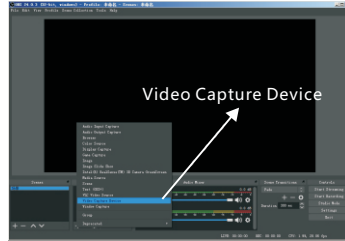


①

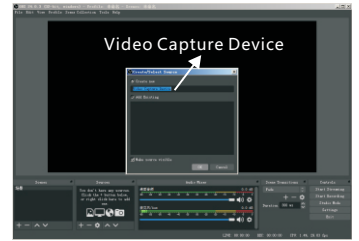
Step 2: Add a video capture device

Open the OBS software, click the “+” in the source box in the lower left corner of the interface, and then click “Video Capture Device”, as shown in Figure ②.

After clicking “Video Capture Device”, an interface for changing the name will appear, and you can customize the name. As shown in Figure ③



②



③

Step 3: Set video capture device properties

- Set the video attributes.

Device selection: Devicewell Digital Video;

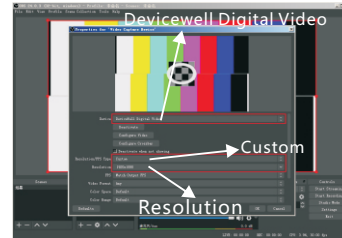
Resolution / frame rate type can be customized;

resolution can be selected: 1920 * 1080, 1280 * 720, 640 * 360, as shown in Figure ④.

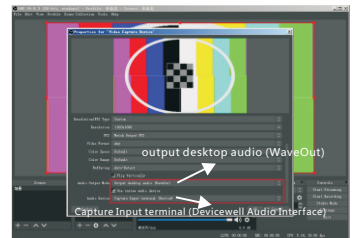
- Pull down to set the audio properties.

Audio output mode selection: output desktop audio (WaveOut); tick Use custom audio

device Audio equipment selection: Capture Input terminal (Devicewell Audio Interface), as shown in Figure ⑤.



④



⑤

Explanation:

1. The resolution setting needs to select Custom to have a video display. If no image is displayed after setting, you need to set the video format to MJPEG. (The latest OBS version 25.0.1 can select H264 in the video format, so the image quality will be improved)
2. Before each use, you need to connect the device to the computer, and then open the OBS software, otherwise the OBS software cannot identify the USB device.

Instructions for connecting the switcher to an Android phone



Step 1: Install APP: USB camera on Android phone, as shown in figure

Step 2: Connect the device and the mobile phone with the adapter cable, as shown in the figure



Note: You need to use a mobile phone that can support UVC