

HDMI to USB 3.0 Video Grabber



HG – 11

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1. Overview

HG-11 is a HDMI to USB 3.0 video grabber (external USB capture dongle), designed to capture 1080p video and audio signal from HDMI source, and transfer video and audio between grabber and PC/NB through USB cable.

2. Features

- Capture video and audio from HDMI sources such as video display or camera sources
- Support USB 3.0 or USB 2.0 data uplink
- Support true 24-bit color and provides consistent frame rate performance regardless of video content
- Capture resolutions up to 1080p at 60 frames per second
- Interfaces compatible with multiple third party applications; with DirectShow on Windows, Video4Linux on Linux, QuickTime on Mac OS X
- Sources power from USB port, no external power supply required

3. Specifications

MODEL NO.	HG-11
DESCRIPTION	HDMI to USB 3.0 Video Grabber
INPUT INTERFACE	1 x HDMI Type A
	HDMI 1.4b standard up to 1080p at 60 frames per second
OUTPUT INTERFACE	1 x USB Type A (Uncompressed video is only available on USB3.0)
	UVC video and audio
VIDEO SAMPLING	4:4:4 format
RESOLUTION	480p, 720p, 1080p
OUTPUT COLOR SPACE	YUV2, RGB
HDMI AUDIO	16-bit PCM encoded audio at 32KHz, 44.1KHz and 48KHz sampling rates
OS SUPPORT	Windows 7,8, 8.1,10, Mac OS X (10.8 and above), Linux (Kernel version 2.6.38 and above)
ENVIRONMENT	Operating temperature 0~45°C Operating humidity 20~90% Storage temperature -20~60°C
DIMENSION	42 x 305.4 x 13.5 mm (W x L x H, including the pigtail)

4. Hardware Descriptions



5. Installation

Notes: HG-11 cannot display and record protected content (e.g. DVDs, Blu-rays, etc.).

5.1 System Requirement

- Available USB 3.0 port
- CPU: i3 Dual Core 2.8GHz or higher

- RAM: 2GB or higher
- Microsoft Windows 8/8.1/10
- OS X (10.8 and above)
- Linux (Kernel version 2.6.38 and above)
- HDMI audio/video source with cabling (DVD, DVR, VCR...etc.)

5.2 Installation

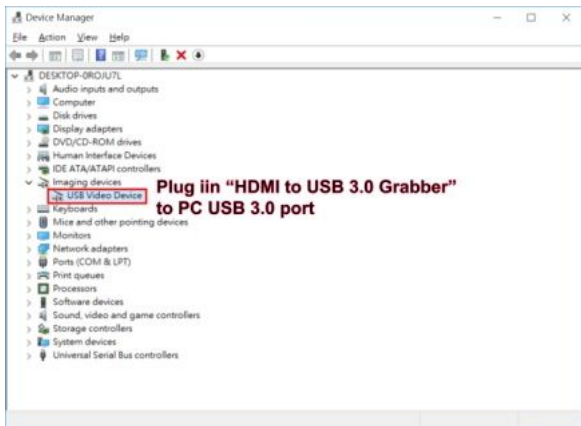
- Connect the HG-11 to an available USB 3.0 port on your computer system.
- Connect your audio/video source cabling directly to the HDMI audio/video input port on the HG-11.



6. How To Use

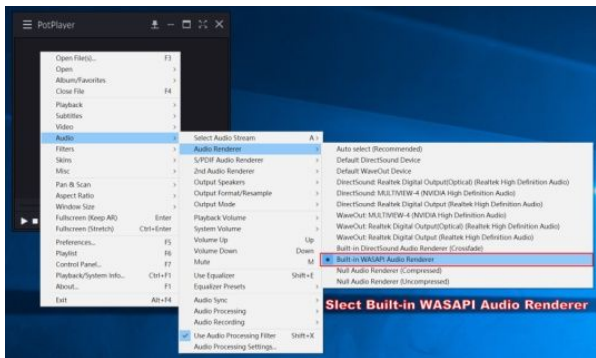
6.1 Potplayer

- Step1: Plug in Device

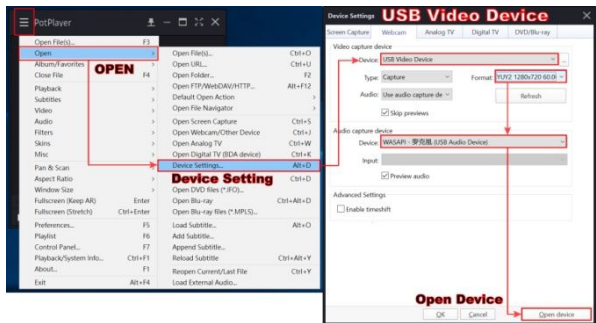


- Step2: Download potplayer player,
<https://potplayer.daum.net/>

■ Step3: Select Audio Renderer

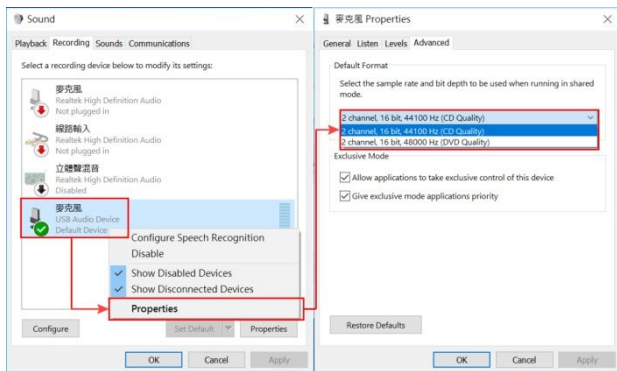


■ Step4: Select Video Device



■ Step 5: Open Device. You can see and hear live video from video source.

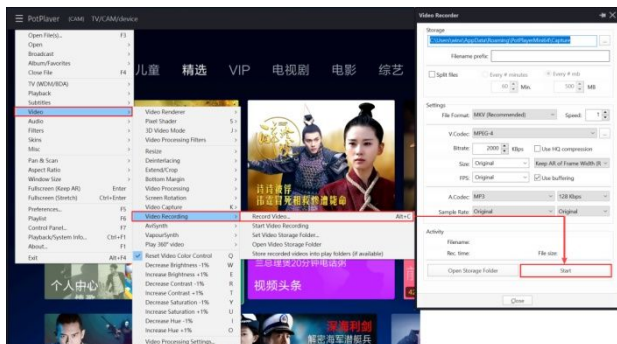
6.2 Audio Configuration



Select the audio format to match format of the audio source.

Ex: Audio source uses 48K sample rate. Audio capture side has to set the audio recording rate to 48K.

6.3 Video Recording



7. Package Contents

- HG-11
- Usermanual