



## Prestel GR-H

 HDMI to USB3.0 Video Capture Dongle



**USER MANUAL**

## **1. Introduction**

HDMI to USB3.0 Video Capture Dongle, it is easy to carry, have a superior performance,superior compatibility, simple installation and many other features. It can capture one HDMI 1080p60 input and output signal; compatible with Windows, Linux, Mac OS X and USB 3.0 interface, Compatible with many USB 3.0 chipset (Intel, Renesas,ASMedia, Fresco Logic), compatible with PCIe Gen1.1 x1 expansion via USB 3.0interface; The HDMI video capture meets UVC and UAC standard, without having to install drivers and settings, the real PnP, easy to use.

## **2. Package**

- HDMI to USB3.0 Video Capture Dongle-----1Pcs
- USB3.0 Cable-----1Pcs
- User manual-----1pcs

### **3. Feature**

- It doesn't need to install a driver, and it is truly PnP.
- It is compatible with Windows, Linux, OS X operating systems
- USB3.0, 300-350MB/s throughput and it is compatible with USB 2.0
- The process of video and audio is done by the dongle and will not occupy the CPU.
- It can capture one single channel HD HDMI video signals.
- It can automatically detect the input video formats and it will adjust to the set output size and frame rate automatically.
- The input and output video signal can reach 1080p/60 Hz.
- It is compatible with UVC video capture and YUV 422 video output.

## 4. Specification

Host Interface	USB3.0, *300-350MB/s, USB2.0, *40MB/s
Input Interface	HDMI interface
HDMI Input Formats:	480i,480p,576i,576p,720p50, 720p60,1080i50,1080i60, 1080p24/25/30/50/60;
Output Formats Resolutions:	640x480/720x480/720x576/ 768x576/800x600/1024x768/1280x720/1280x800/ 1280x960/1280x1024/1368x768/1440x900/ 1600x1200/1680x1050/1920x1080/1920x1200/ 640x360/856x480/960x540/1024x576
Frame Rate:	25/29.97/30/50/59.94/60 fps
Audio and video capture support of OS	standards of UVC and UAC Windows 7 Windows Server 2008 R2

	Linux (Kernel version 2.6.38 and above)
	OS X (10.8 and above)
Software compatibility	Windows Media Encoder (Windows)
	Adobe Flash Media Live Encoder (Windows, OS X)
	Real Producer Plus (Windows)
	VLC (Windows, OS X, Linux)
	QuickTime Broadcaster (OS X)
	QuickTime Player (OS X)
	Wirecast (Windows, OS X)
	Potplayer(Windows)and etc.
Development interface compatibility	
	DirectShow (Windows), DirectSound (Windows),
	V4L2 (Linux), ALSA (Linux) OS X (QuickTime)
Size	98x56x16 (L/W/H, mm)
Power consumption	<= 2.5W
Working Temperature	0-50 deg C
Storage Temperature	-20-70 deg C
Storage Humidity	5%-90%

## **5. Connect and Operate**

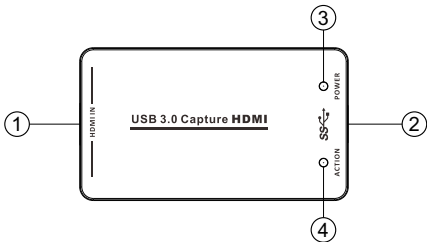
1. Connect the signal sources such as Blu-Ray Player, Play Station , audio/video receiver, satellite receivers with HDMI output interfaces with a HDMI cable to the device HDMI input

2. Insert the USB3.0 cable head to USB3.0 interface, the other side of the cable into your computer's USB3.0 interface.

3. HDMI to USB3.0 Video Capture Dongle is based on UVC (USB video class), UAC (USB audio class) STANDARD, without having to install drivers and settings.After installation in operating system, the relevant video and audio devices will be added on. In Windows, for example, will have new image device:

**USB3.0 Capture video;**

**USB3.0 Capture audio;**



**1. HDMI Input:** This slot is where you connect the HDMI source output from DVD, PS3, Set-top Box and Note Book.

**2. USB3.0 Capture out:** This slot is where you connect to the USB3.0 input of the computer or NoteBook.

**3. Power indicator:** This LED illuminates when the device is connected to computer USB port.

**4. Action indicator:** This LED illuminates when the device capture the video normally.



## 6. Software instruction

For example: Potplayer(windows 7)

- 1.Install “Potplayer” application software on the computer;
- 2.Double click ” Daum Potplayer” shortcut to open the application.
- 3.Click “Potplayer→Open→Device settings...” or use shortcut key”Alt+D” to open the device settings page.
  - Select “Analog TV” page.
  - Select “USB3.0 Video Capture” in Video Device item.
  - Select “HDMI” in Input item.
  - Select suitable capture resolution in Format item.
  - Select “USB3.0 Audio Capture” in Audio Device item.



➤ Click “Open device” to open the capture interface.



4. Click “Potplayer→Video→Video recoder” or use shortcut key “Alt+C” to open the Video recoder page.

- Select storage position;
- Set video and audio capture setting;
- Start to capture video and audio;

