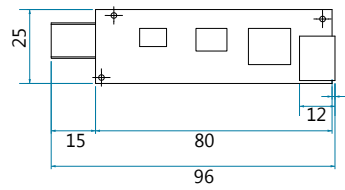


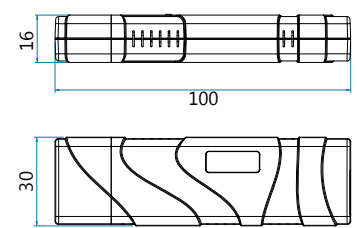
Features:

- HDCP OFF
- Directly connects to SONY PS 3
- UVC driver is standard. Even for one sample
- Follow standard UVC (USB VIDEO CLASS). USB webcam
- Almost NO latency (less than 50m sec.)
- NO compression
- NO video distortion from scale IC
- Up to 1920 x 1080p YUV422 60fps UVC output

UHD-260M



UHD-260



Unit : mm (±0.5)

At first, you may see the HDMI input resolution & frame rate is not equal to UVC output resolution & frame rate. But you can still choose the UVC output to match HDMI input resolution & frame rate.

Attention 1: Make sure HDMI input resolution is one of the following

HDMI input:

(The capture card auto detect HDMI device output format)

1920 x 1090p 60/50/30/24 fps

1366 x 760 60/30fps

1280 x 720 60/50fps

▲ MISUMI UHD-260 HDMI USB 3.0 UVC Capture card does not support device with HDMI output 1920 x 1080i

UVC output:

1920 x 1090p 60/50/30/24 fps

1366 x 760 60/30fps

1280 x 720 60/50fps

▲ HDMI input resolution & frame rate must = UVC output resolution & frame rate.

Example 1:

When HDMI input is 1920 x 1080p 60fps, UVC output must be 1920 x 1080p 60fps

If you choose UVC output as 1920 x 1080p 24 fps, it will not work.

Remember:

You can use MAC wirecast to control UVC output resolution and frame rate.

Example 2:

HDMI input 1920 x 1080p 60fps works on Windows Vmix;

therefore, you must choose UVC output as 1920 x 1080p 60fps too.

Example 3:

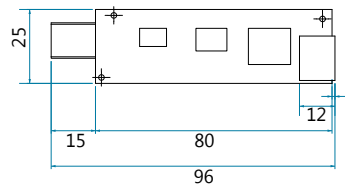
If hdmi input is 1920x1080p 60fps,

we can use MAC wirecast to force Google hangouts to get 1920x1080p 60fps.

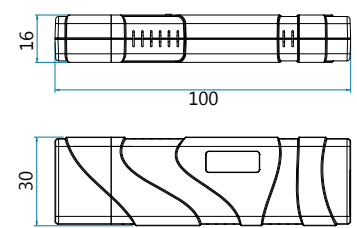
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Attention 2: Hardware / OS Requirement

UHD-260 Grabber works on:

Windows 8.1: Vmix, Wirecast, OBS

MAC OSX: Wirecast, Sportscode

Linux Ubuntu 15.x

▲ *USB3.0 only can work on XHCI, not eHCI.*

	USB2.0 HOST Controller	USB3.0 to PCIe (Gen.2) thunderbolt to USB3.0	Embedded USB3.0 intel XHCI Ivy bridge	Embedded USB3.0 intel XHCI Haswell ULT
Windows XP	No	No	No	No
Windows 7	No	No	No	No
Windows 8	No	No	No	No
Windows 8.1	No	Works	Works note: (bootcamp) Mac air 2013 is Ivy bridge	Works note: (bootcamp) Mac air 2014 is Haswell
MAC OSX 10.8	No	Works	Works	Works
MAC OSX 10.9.4	No	Works	Works	Works

Condition 3: Embedded USB3.0 Host requirement

USB3.0 host: It's better to use intel eXensible Host Controller (Intel XHCI)

If your USB3.0 is not like the one below:

MiSUMi UHD-260 grabber will only show as 640 x 480 60fps

It means your PC is USB2.0 or USB3.0, which is not intel XHCI chip set.

Windows 8.1

ASMedia USB 3.0 eXtensible Host Controller - 0096 (Microsoft)

Generic USB Hub

Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E2D

Intel(R) 7 Series/C216 Chipset Family USB Enhanced Host Controller - 1E26

Intel(R) USB 3.0 eXtensible Host Controller - 0100 (Microsoft)

Renesas Electronics USB 3.0 Host Controller

Renesas Electronics USB 3.0 Root Hub

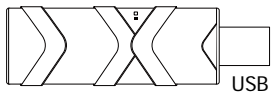
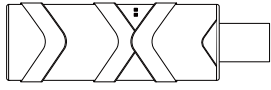
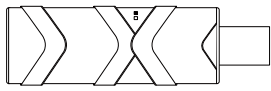
USB Composite Device

USB Mass Storage Device

USB Root Hub

TWO LED light hint

■ Flash (Blinking) of two light : HDMI input error

Detect HDMI input base on LED	HDMI input (Must be progressive)	USB UVC output
 <p>The green light turn on (no Blinking): H.DMI input is 1920x1080P</p>	1920 x 1080p 60fps	1920 x 1080p 60fps
	1920 x 1080p 50fps	1920 x 1080p 50fp
	1920 x 1080p 30fps	1920 x 1080p 30fps
	1920 x 1080p 24fps	1920 x 1080p 24fps
 <p>The green LED and red LED turn on together (no Blinking): H.DMI input is 1366x768p</p>	1366 x 768p 60fps	1366 x 768p 60fps
	1366 x 768p 50fps	1366 x 768p 50fps
 <p>The red light turn on (no Blinking): H.DMI input is 1280x720P</p>	1280 x 720p 60fps	1280 x 720p 60fps
	1280 x 720p 50fps	1280 x 720p 50fps

Note : 1. If uvc output is 1920x1080p 60fps, HDMI source must be 1920x1080p 60fps
 2. If uvc output is 1920x1080p 30fps, HDMI source must be 1920x1080p 30fps
 on amcap player to preview.

MAC OSX

Application note for MAC OSX

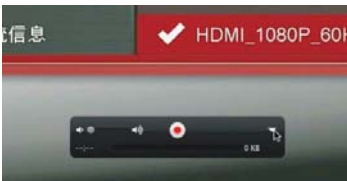
STEP1: OPEN quicktime



STEP2: New Movie Recording



STEP3: Choose the uvc video source



STEP4:

Camera: HD TV CAM, Microphone: HD TV CAM
 (If your HDMI source does not have audio,
 do not choose.HD TV CAM
 on microphone of quicktime)