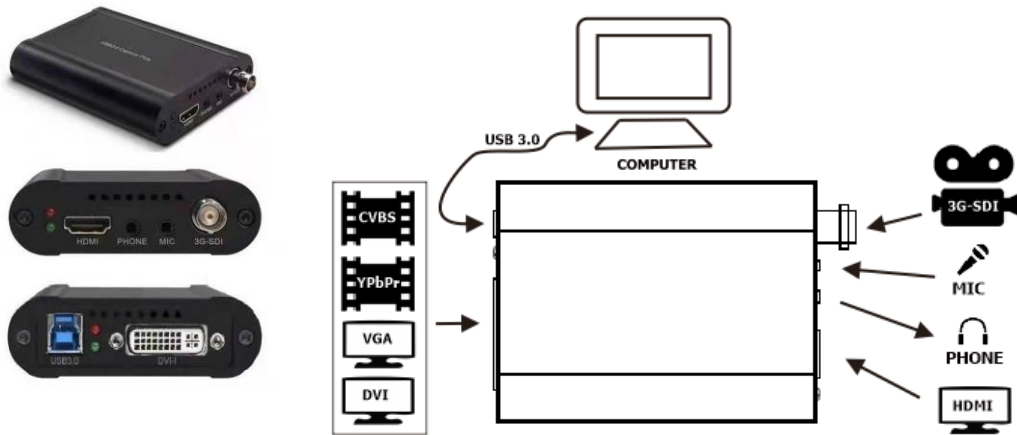# USB3.0 DVI (HDMI/VGA to DVI) & SDI & YPbPr & CVBS

Video Capture Card

Product Characteristics

- Single 3G-SDI audio and video signal input, single DVI video signal input, single HDMI video signal to DVI input, single VGA video signal to DVI input, single YPbPr video signal input, single CVBS video signal input;
- 1 PCM audio signal, SDI, HDMI/DVI/VGA video signal, YPbPr video signal input, can be connected to an external audio signal input at the same time; of which SDI, HDMI, can be looped out of 1 channel audio signal;
- Input and output video signal: 1080p/60;
- UVC compatible video capture, YUV422 video output;
- Windows, MAC, LINUX operating systems;
- No drivers to install, true PnP;
- Ultra-low power consumption, no external power adapter, direct USB power;
- Size: 82*116*26mm.

Advanced Features

- USB3.0, 360MB/s transmission bandwidth;
- Video processing is done by the capture card and does not occupy the host CPU;
- Automatically determines the input video format and automatically transforms it to the specified output size:

  USB3.0/USB2.0 Output:
  - 1920x1080, 1920x960
  - 1680x1050, 1280x720, 1024x768
  - 960x540,   850x480
  - 720x576,   720x540, 720x480, 720x404
  - 640x480,   640x360;

- Brightness, contrast, hue, saturation and other screen adjustment functions;
- Support multiple capture cards working at the same time;
- Firmware is upgradable.

Product Specification

Connected	
Output interface	USB3.0, 360MB/s transmission bandwidth
Output interface	1 BNC,1 DVI-I,1 YPbPr/CVBS, 3.5mm audio*2
Video Input	Single DVI video signal input, single 3G-SDI audio and video signal input, single HDMI audio and video (where the video signal to DVI) signal input, single VGA video to DVI signal input, single YPbPr video signal input, single CVBS video signal input, does not support simultaneous capture
Audio Input	1 PCM audio signal, SDI, HDMI/DVI/VGA video signal, YPbPr video signal input, can be connected to all the way audio signal input at the same time; of which SDI, HDMI, can be looped out all the way audio signal
Video Output	USB3.0 compatible with USB2.0 audio and video signal outputs
Frame rate	USB3.0 supports full 60 fps, USB2.0 supports 1080P10, 720P24, 480P60, etc.
Standard	
SDI input format	SD/HD/3G-SDI, SMPTE-259/274/296/372/424/425/292 compliant
HDMI input format	Compliant with HDMI 1.4a standard, supports 1080P/60HZ
VGA　input format	640*400-2048*1536, PAL/NTSC
DVI input format	DVI 1.0 compliant, single connection (480i, 576i, 480p, 576p, 720p, 1080i, 1080p)
YPbPr input format	480i, 576i, 480p, 576p, 720p, 1080i, 1080p
CVBS input format	D1
transmission rate	SDI:1.485Gb/s; 2.97Gb/s; DVI:225MHZ; HDMI:165MHZ; VGA:170MHZ
Video Capture	UVC (USB video class) compliant
Audio Capture	UAC (USB audio class) compliant
Output color space	YUY2
Other	
Operating System Support	Supports x86 and x64 versions of the following operating systems: Windows 7, 8.1, 10, Windows Server 2008 R2, MAC, LINUX.
Compatible software	Windows Media Encoder, Adobe Flash Media Live Encoder, Real Producer Plus, VLC, Wirecast etc…
Development Interfaces	DirectShow (Windows), DirectSound (Windows)
Upgrade	Firmware upgradeable
Size	82*116*26mm
Power wastage	<= 1.0 W
Operating temperature	0℃ - 45℃
Storage temperature	0℃ - 75℃
Storage humidity	5%-90%

Standard Accessories

1 * USB 3.0 cable, 1 * DVI adapter for VGA, 1*DVI adapter for YPbPr/CVBS.

Note:

1. Actual USB 3.0 transfer bandwidth is dependent on the host chipset and computer motherboard and may be lower than the values written here.
2. Due to copyright protection, this product does not support the acquisition of HDCP-protected high-definition video signals; PS4 can acquire video signals after turning off HDCP in the system menu.