

VC100DUSB-HDMI Product Specifications (V1.0)



VC100DUSB
HDMI USB3.0 Video Capture Dongle 1080P/60Hz 8-bit w/Audio

USB 3.0 interface

Supports
Windows 7, Windows Server 2008 R2
Linux (Kernel version 2.6.38 and above)
OS X (10.8 and above)

Compatible software: Windows Media Encoder
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) and so on...

Product Features

- Capture single HD HDMI video signals.
- Input and Output video signals up to 1080p/60 Hz.
- Compatible with UVC video capture and YUV422 video output
- UAC compatible with HDMI audio capture and 48KHz PCM audio output.
- PnP no need to install drivers.
- Compatible with Windows, Linux, OS X operating system.
- Size : 84.25x42.8x12.6 (L / W / H, mm).

Advanced Features

- USB3.0, 300-350MB/s transfer bandwidth, also compatible with USB2.0.
- Video, audio processing via capture unit, does not load CPU
- Automatically determines the input video format and automatically sets the output size , frame rate.
- Automatically determine the input audio formats, and automatically converts to 48KHz PCM audio.
- Adjustments for brightness, contrast, hue, saturation, and other screen adjustment.
- Multiple capture dongles can be used on one PC
- Firmware can be upgraded.

Product Specifications

Connection	
Host Interface	USB3.0, * 300-350MB/s transfer bandwidth USB2.0, * 40MB/s transfer bandwidth
Input port	One HDMI port
HDMI Video	Input 1 channel 1080P/60Hz HDMI HD
HDMI Audio Input	1 channel LPCM audio signal
Standard	
HDMI input format	Conforms to HDMI 1.4a standards, supports 1080p/60Hz 8-bit, (RGB, YUV)
Output format	640x480/720x480/720x576/768x576/800x600/1024x768/ 1280x720/1280x800/1280x960/1280x1024/1368x768/1440x900/1600x1200/1680 x1050/1920x1080/1920x1200 frame rate: 25/29.97/30/50/59.94/60 fps
Video Sampling Rate	HDMI: 165MHz
Audio and video capture	Complies with UVC (USB video class), UAC (USB audio class) specifications
Output colour space	YUY2, RGB24
Video Processing	
Colour space conversion	hardware colour space conversion
Image scaling	hardware scaling
Image Adjust	brightness , contrast, hue, saturation, and other screen adjustment functions
Operating System Support	supports the following operating systems on x86 and x64 versions : Windows 7 Windows Server 2008 R2 Linux (Kernel version 2.6.38 and above) OS X (10.8 and above)
Compatible software	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) and so on ...
Development interface compatibility	DirectShow (Windows), DirectSound (Windows), V4L2 (Linux), ALSA (Linux) OS X (QuickTime)
Onboard memory	64MB DDR2, @ 300 MHz, 16bit
Upgrade Firmware	upgradeable
Dimensions	84.25x42.8x12.6 (L / W / H, mm)
Power Consumption	<= 2.5W
Operating temperature	0-50 degrees Celsius
Storage temperature	-20-70 degrees Celsius
Storage	humidity range 5% -90%

Standard accessories

1 x USB3.0 cable

Please note:

Actual USB3.0 transmission bandwidth and the host computer's motherboard chipsets and related values? may be lower than written here.

For details on how to purchase the VC100DUSB product contact our sales department
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