

HDC-301MS

PCIe Mini video/audio capture card with one HDMI input channel, 1920x1080@30p, and H.264 hardware codec



Features

- Compatible with Microsoft Windows 7 for 32-bit & 64-bit
- Equipped with one HDMI input port
- Encode up to 1080p30 HD video
- Pass through for transmitting uncompressed video up to 1080p resolution
- Record and stream video over networks or the Internet: VideoLAN VLC, AMCap and other DirectShow compatible software

Specifications

◆ Interface

Input	Video input channel	1 channel
	Video input type	HDMI
	Audio input channel	1 channel
	Audio input type	HDMI (stereo)

◆ PC Interface

Type	PCIe Mini
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◆ Video Processing

Hardware Encoder	H.264/AVC High Profile Level 4.1	
Recording Datarate	Up to 30Mbps	
Video Input Resolution	1920 x 1080 24p/25p/30p/50p/60p	1280 x 1024 30p
	1920 x 1080 60i/59,94i/50i	1280 x 768 60p
	1280 x 800 60p	1024 x 768 60p
	1280 x 720 50p/60p	720 x 576 50p
	800 x 600 60p	640 x 480 60p
	720 x 480 60p	
Recording Formats	1920 x 1080 24p/25p/30p	1280 x 1024 30p
	1280 x 800 60p	1280 x 768 60p
	1280 x 720 50p/60p	1024 x 768 60p
	800 x 600 60p	720 x 576 50p
	720 x 480 60p	640 x 480 60p

◆ Audio Processing

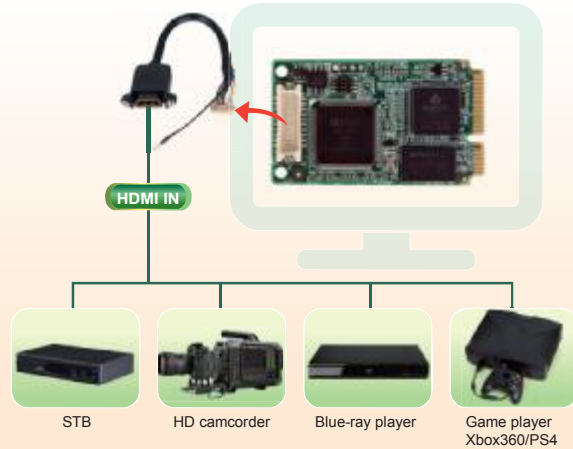
Audio Sampling Frequencies	44.1k, 48k Hz
Audio Compression	MPEG4-AAC
Recording Datarate	128kbps

◆ Software Support

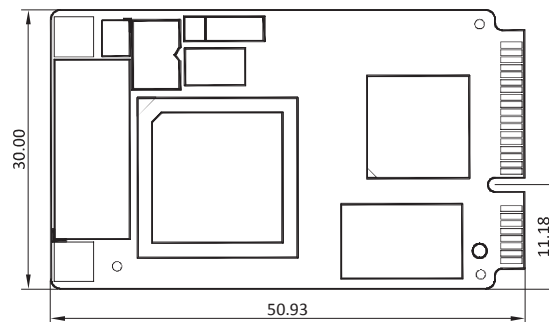
Device Driver	Microsoft Windows 7 32-bit Microsoft Windows 7 64-bit Linux: Ubuntu 10.04 (kernel 2.6.35)
SDK	Provide SDK and demo program

H.264 Hardware Codec

Video Recording/Streaming



Dimensions (Unit: mm)



◆ System Requirement

System	Intel® Core™2 Duo 2.4GHz or above
Memory	2GB or more
OS Environment	Microsoft Windows 7 32-bit/64-bit Microsoft DirectX 10.0 or above Linux: Ubuntu 10.04 (kernel 2.6.35)

◆ Functionality

Multiple Card Support	8 channels
Scaling	Video scaling down compression

◆ Others

Dimensions	51 mm x 30 mm
Operating Temperature	0°C ~ 60°C (32° ~ 140°F), non-condensing
Power Consumption	3W

Packing List

1 x HDC-301MS
1 x HDMI output kit
1 x QIG
1 x Utility CD

Ordering Information

Part No.	Description
HDC-301MS-R10	PCIe mini video/audio capture card with one HDMI input channel, 1920x1080@30p, and H.264 hardware codec