

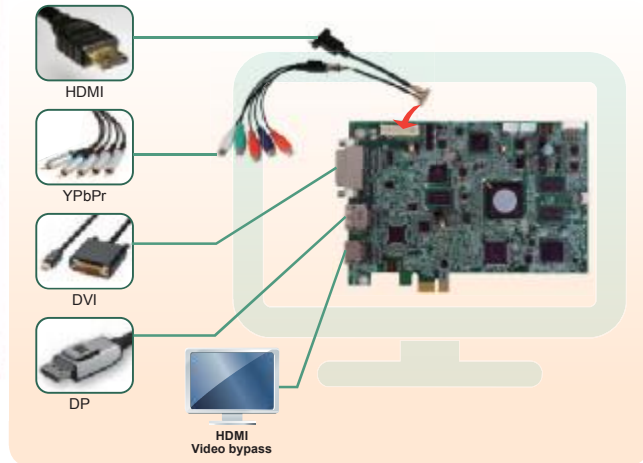
HDC-701EL

PCI Express video/audio capture card with one HDMI/DP/DVI/YPbPr input channel and one HDMI output channel, 1920x1080@30p, and H.264 hardware codec



H.264 Hardware Codec

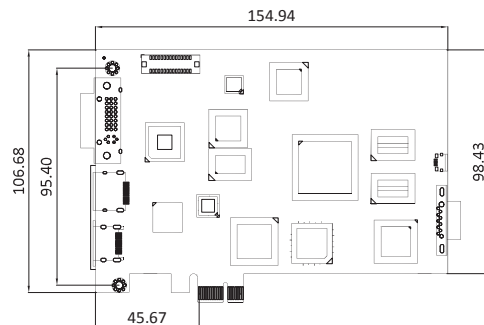
Video Recording/Streaming



Features

- Compatible with Microsoft Windows 7 for 32-bit & 64-bit
- Equipped with one input port of HDMI/DP/DVI/YPbPr
- Encode up to 1080p30 HD video
- Record and stream video over networks or the Internet: VideoLAN VLC, AMCap and other DirectShow compatible software

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)

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

Functionality

Multiple Card Support	8 channels
Scaling	Video scaling support, OSD, PIP

Others

Dimensions	155 mm x 111 mm
Operating Temperature	0°C ~ 60°C (32° ~ 140°F), non-condensing
Power Consumption	15W

Packing List

1 x HDC-701EL	1 x QIG
2 x Cable	1 x Utility CD

Ordering Information

Part No.	Description
HDC-701EL-R10	PCI Express video/audio capture card with one HDMI/DP/DVI/YPbPr input and one HDMI output, 1920x1080@30p, and H.264 hardware codec

1

Industrial Computing Solutions

2

Video Capture Solutions

3

Industrial Computer Chassis

4

Open Frame Monitor

5

Power Supply/ Peripherals

6

All-in-One System

Specifications

Interface

Input	Video input channel	1 channel
	Video input type	HDMI/DP/DVI/YPbPr
	Audio input channel	1 channel
	Audio input type	HDMI (stereo video)
No Delay HDMI Passthrough	Video output channel	1 channel (1080p 60)
	Video output type	HDMI
	Audio output channel	1 channel
	Audio output type	HDMI (stereo)

PC Interface

Type	PCIe x1
------	---------

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	640 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