

# IVCE-C608

PCIe video/Audio Capture Card with 8-Channel Video/Audio Input, Total 240fps for 8 Channels (NTSC)



## Features

- » Single card 8-channel composite video (NTSC/PAL) solution
- » PCI Express interface provides higher bandwidth and great performance
- » Compatible with Linux, Windows XP and Windows 7 (32-bit and 64-bit)
- » Total 240fps for 8 channels (NTSC)
- » Supports multiple cards up to 128 channels video/audio input
- » External GPIO daughter board supports up to 8 inputs and 8 outputs (optional)
- » SDK available for customer to create customized applications
- » Supports 8 channels video/audio input and 2 channels video output

## Specifications

Appearance	
Dimension	111 mm x 102.4 mm
Audio Processing	
Audio Compression	Software compression
Audio Sampling Frequencies	32kHz, 44.1kHz, 48kHz, 96kHz
Quantization	24-bit
Capture Interface	
Alarm I/O	yes
Audio Input	8 x Audio Input Channel 8 x Audio Input-RCA(BNC+RCA to DB-26 cable included)
Card ID	Rotary switch selectable with LED for ID indication
Interface Type	1 x PCIe x 1 (compatible with 1, 4, 8 and 16 lane PCIe slots)
LED Indicator	Red LED for system Green LED for AP running Yellow LED for watchdog
Video Input	8 x Video Input Channel(composite video NTSC/PAL auto sensing) Video Input-3G-SDI(BNC+RCA to DB-26 cable included) 8 x Video Input-BNC
Video Output	2 x Video Output Channel 2 x Video Output-BNC(BNC+RCA to DB-26 cable included)
Environment	
Operating Temperature	0°C ~ 65°C, non-condensing
Others	
Power Consumption	5.3W (3.3V@1.39A, 12V@0.06A)
Software Support	
SDK	1 x Linux 1 x Windows
OS Support	1 x Linux Ubuntu(14.04 (64-bit) Kernel version: 3.13.0-32-generic) 1 x Microsoft Windows 7 32-bit

	1 x Microsoft Windows 7 64-bit
<b>System Requirement</b>	
CPU	x86 PC compatible computer
Memory	512MB or above
<b>Video Processing</b>	
Video Chipset	1 x Conexant CX25853
Video Compression	1 x Software Compression
Video Input Resolution	720 x 576 (NTSC/PAL)
	720 x 480 (NTSC/PAL)
	720 x 288 (NTSC/PAL)
	720 x 240 (NTSC)
	720 x 248 (PAL)
	352 x 240 (NTSC/PAL)
	352 x 288 (PAL)
	320 x 240 (NTSC/PAL)
	160 x 120 (NTSC/PAL)
	*NTSC: Total 240fps for 8 channels
	*PAL: Total 200fps for 8 channels

## Ordering Information

IVCE-C608-R10	PCI Express video/audio capture card with eight video input channels, total 240fps@720x480(NTSC), and eight audio input channels
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## Packing List

1 x IVCE-C608 capture card	1 x Video/Audio input cable kit
1 x Reset cable	1 x QIG