Acquisizione video e visione artificiale > Scheda di acquisizione video
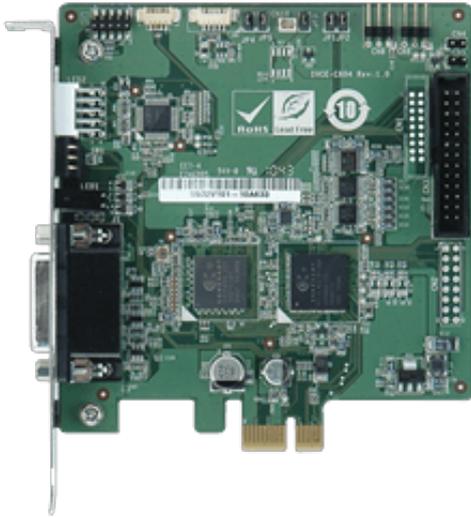
IVCE-C604

PCIe video/Audio Capture Card with 4-Channel Video/Audio Input, Total 120fps@D1 for 4 Channels (NTSC)

Features

» Single card 4-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 120fps @ D1 for 4 channels (NTSC)

» Supports multiple cards up to 64 channels video/audio input

» External GPIO daughter board with 4 inputs and 4 outputs (optional)

» SDK available for customer to create customized applications

» Supports 4 channels video/audio input and 2 channels video output

Specifications

Appearance	
Dimension	111.23 mm x 102.39 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	4 x Audio Input Channel
	4 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 x1 (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	4 x Video Input Channel (composite video NTSC/PAL auto sensing)
	4 x Video Input-BNC (BNC+RCA to DB-26 cable included)
Video Output	2 x Video Output Channel
	2 x Video Output-BNC (BNC+RCA to DB-26 cable included)
Environment	
Operating Temperature	-5°C ~ 65°C, non-condensing
Others	
Power Consumption	3.51W (3.3V@0.9A, 12V@0.045A)
Software Support	
SDK	1 x Linux
	1 x Windows
OS Compatible	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

System Requirement	
CPU	x86 PC compatible computer
Memory	512MB or above
Video Processing	
Video Chipset	1 x Conexant CX25850
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 120fps @ D1 for 4 channels
	*PAL: Total 100fps @ D1 for 4 channels

Ordering Information

IVCE-C604-R10	PCI Express video/audio capture card with four video input channels,total 120fps@720x480(NTSC),and four audio input channels

Packing List

1 x IVCE-C604 capture card	1 x Video/Audio input cable kit
1 x Reset cable	1 x QIG