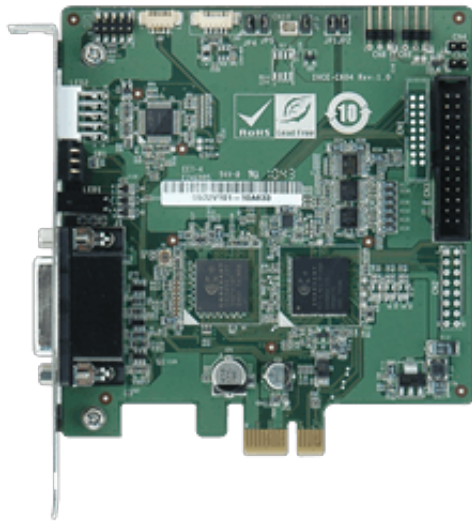


IVCE-C604

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 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	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 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

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
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Packing List

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