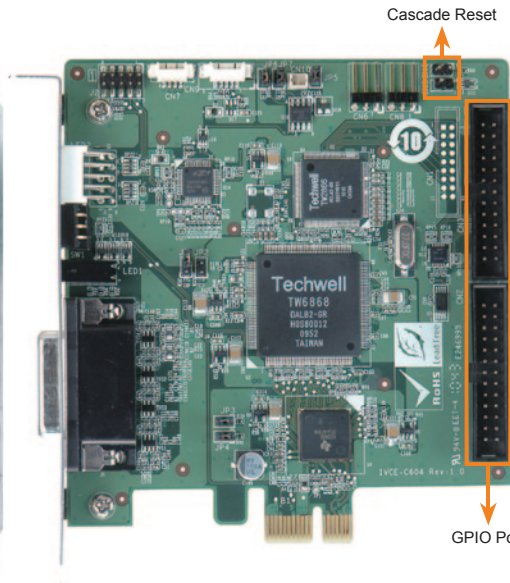
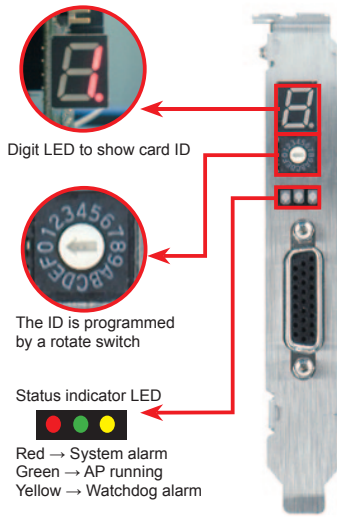


IVCE-T608

PCIe video/ audio capture card with 8 channel video/ audio input, total 240fps@D1 for 8 channels (NTSC)



New



Features

- Single card 8 channel solution
- PCI Express interface provides higher bandwidth and great performance
- Compatible with Windows XP, Windows 7 and Linux OS
- Eight video channels with 240fps @ D1 for 8 channels (NTSC)
- Support multiple card up to 128 channels video/ audio input
- External GPIO daughter board support up to 8 input and 8 output (optional)
- SDK available for customer to create customized applications
- Support 8 channels video/audio input, 2 channels video output and 1 channel audio output



Specifications

Interface

Video Input	8 channels composite video NTSC/PAL/SECAM auto sensing
Video Input Type	BNC (BNC+RCA to DB-26 cable included)
Audio Input	8 channels
Audio Input Type	RCA (BNC+RCA to DB-26 cable included)
Video Output	2 channels
Video Output Type	BNC (BNC+RCA to DB-26 cable included)
Audio Output	1 channels
Audio Output Type	RCA (BNC+RCA to DB-26 cable included)
Bus Interface	PCIe x1
Alarm I/O	Yes
Card ID	Rotate switch selectable with LED for ID indication
LED Indicator	Red LED for system Green LED for AP running Yellow LED for watchdog

Video Processing

Video Compression	Software compression	
Video Engine	1 x Techwell 6868	
Resolution	NTSC:	PAL/SECAM:
	720 x 480	720 x 576
	720 x 240	720 x 288
	704 x 480	704 x 576
	704 x 240	704 x 288
	640 x 480	640 x 480
	352 x 240	352 x 288
	320 x 240	320 x 240
176 x 120	176 x 144	
Frame Rate	NTSC: Total 240fps @ D1 for 8 channel PAL/SEACAM: Total 200fps @ D1 for 8 channel	

Audio Processing

Audio Compression	Software compression
Sampling Rate	8kHz, 16kHz, 32kHz, 44.1kHz, 48kHz (hardware spec.)
Quantization	8 bit, 16 bit (hardware spec.)

Functionality

Video/ Audio Synchronization	Yes
Video Loss Detection	Yes
On-screen Display	Yes
Motion Detection	N/A
Watermarking	N/A

System Requirement

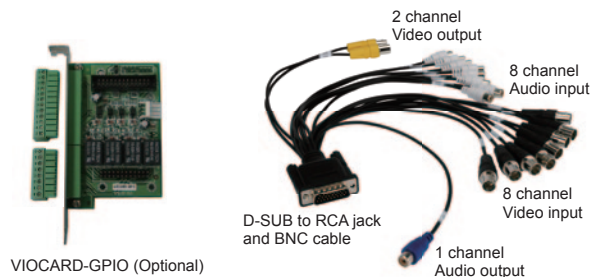
System	x86 PC compatible computer, PCI Express 1 lane, compatible with 1, 4, 8 and 16 lane PCIe slots.
Memory	512MB or above

Others

Dimensions	111.28 mm x 102.36 mm
Operation Temperature	-5°C ~ 65°C, non-condensing
Power Consumption	2.97W (3.3V@0.9A)

Packing List

1 x IVCE-T608 capture card	
1 x Video/ Audio input cable kit	1 x Utility CD
1 x Reset cable	1 x QIG



Ordering Information

Part No.	Description
IVCE-T608-R10	PCIe Video/ Audio Capture Card with 8 channel Video/ Audio input, Total 240fps@D1 for 8 channels (NTSC)
VIOCARD-GPIO-RS-R10	8 GPIO channels (4 digital input and 4 relay output)
32200-000012-RS	GPIO card to IVC capture card connection cable

1

Industrial Computing Solutions

2

Video Capture Solutions

3

Embedded Computing Solutions

4

Industrial Data Collector and Controller

5

Panel Solutions Introduction

6

O/Ring Network Communication

7

Power Supply/ Peripherals