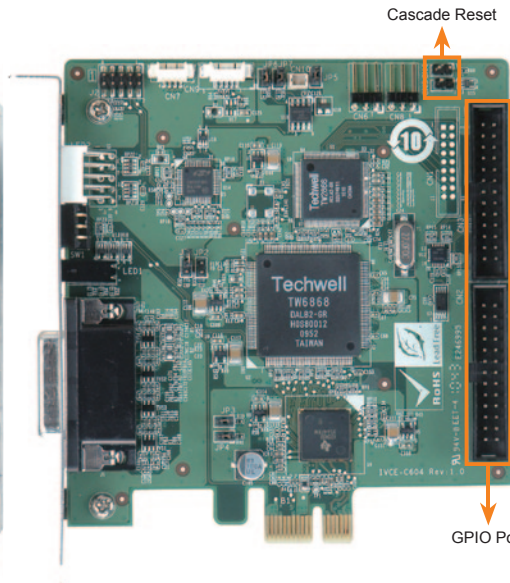
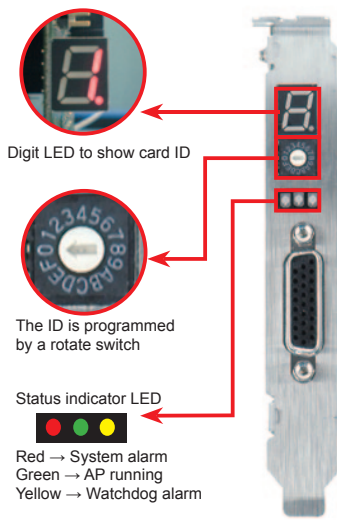


# IVCE-T608

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

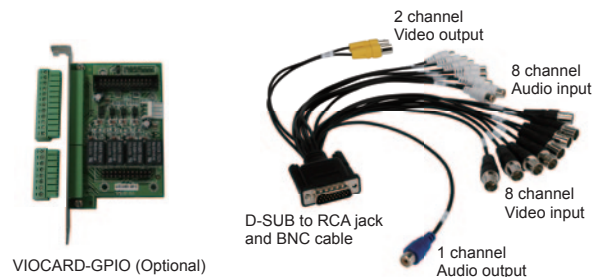
System	x86 PC compatible computer, PCI Express 1 lane, compatible with 1, 4, 8 and 16 lane PCIe slots.
Memory	512MB or above

### 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