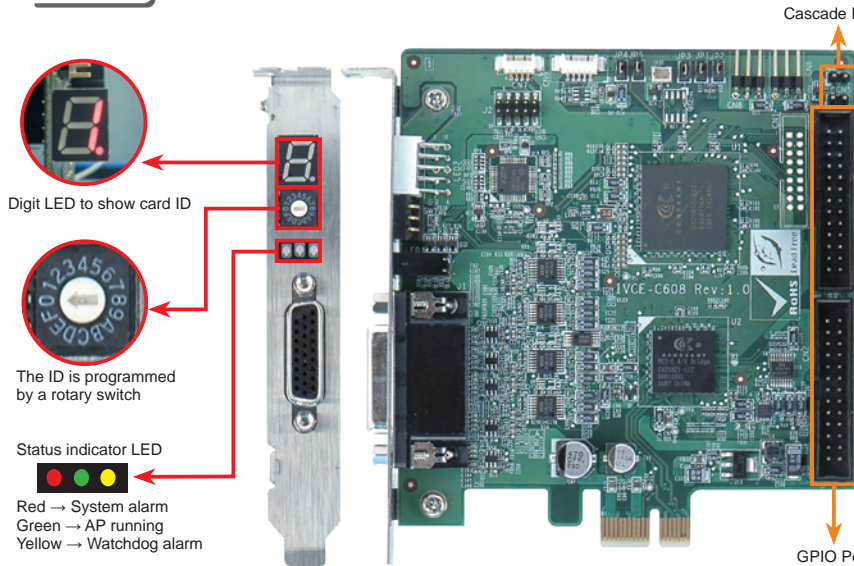


# IVCE-C608

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



**New**



Digit LED to show card ID

The ID is programmed by a rotary switch

Status indicator LED

Red → System alarm  
Green → AP running  
Yellow → Watchdog alarm

Cascade Reset

GPIO Port

## Features

- Single card 8-channel 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 @ D1 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

### Interface

Video Input	8 channels composite video NTSC/PAL 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)
Bus Interface	PCIe x1
Alarm I/O	Yes
Card ID	Rotary 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 Conexant CX25853	
Resolution	NTSC: 720 x 576 720 x 480 720 x 288 720 x 240 352 x 240 320 x 240 160 x 120	PAL: 720 x 576 720 x 480 720 x 288 720 x 248 352 x 288 352 x 240 320 x 240 160 x 120
Frame Rate	NTSC: Total 240fps @ D1 for 8 channels PAL: Total 200fps @ D1 for 8 channels	

### Audio Processing

Audio Compression	Software compression
Sampling Rate	32kHz, 44.1kHz, 48kHz, 96kHz (hardware spec.)
Quantization	24-bit (hardware spec.)

### Functionality

Video Loss Detection	Yes
On-screen Display	Yes
Motion Detection	Yes (hardware spec.)

### System Requirement

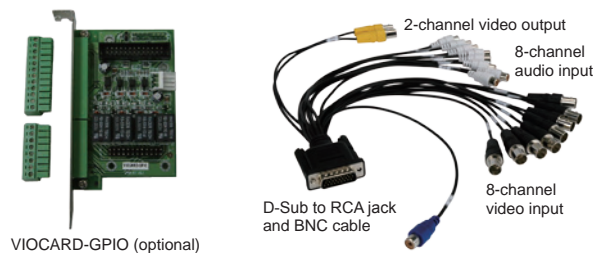
System	x86 PC compatible computer, PCI Express 1 lane, compatible with 1, 4, 8 and 16 lane PCIe slots
Memory	512MB or above

### Others

Dimensions	111 mm x 102.4 mm
Operating Temperature	-5°C ~ 65°C, non-condensing
Power Consumption	5.3W (3.3V@1.39A, 12V@0.06A)

## Packing List

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



VIOCARD-GPIO (optional)

## Ordering Information

Part No.	Description
IVCE-C608-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 inputs and 4 relay outputs)
32225-002200-100-RS	GPIO card to IVC capture card connection cable

1 Industrial Computing Solutions

2 Video Capture Solutions

3 Embedded Computing Solutions

4 ORing Network Communication

5 Power Supply/Peripherals

6 Panel Solutions Introduction