

# IVC-200G-RS

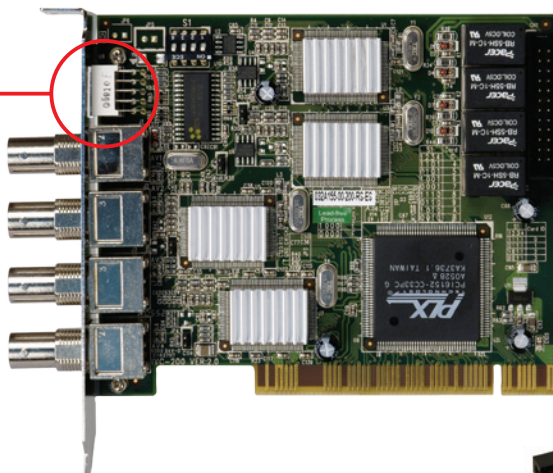
PCI video capture card with four video input channels,  
total 120 fps@720x480 (NTSC)



The ID is programmed by  
a 4-digit DIP switch



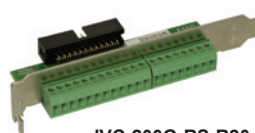
Digit LED to show its ID  
(identification)



## Features

- Eight GPIO relay channels (4 in / 4 out) on board, included I/O kit & cable
- Four video channels with 120 fps @ 720 x 480 (NTSC) per channel
- Support multiple cards (maximum 16 ports video input)
- Drivers for Windows® and Linux available
- Applications: Video surveillance, security, public transportations, police and government

*Notice: IVC-200-RS-R20 does not support GPIO function and has no relay components on board.*



**IVC-200G-RS-R20**  
GPIO daughter board and cable

## Specifications

### ◆ Interface

Video Input	4 channels composite video NTSC, PAL and SECAM auto sensing
Video Input Type	BNC
PCI Interface	PCI Rev 2.1 compliance
CARD ID	DIP switch selectable with LED for ID indication
Alarm I/O	GPIO daughter board with 4 inputs and 4 outputs (IVC-200G-RS-R20 only)

### ◆ Software Support

Device Driver	Windows® 98 SE, ME, 2000, XP / Linux kernel 2.4
SDK	Provides SDK and demo program with sample source code in C++

### ◆ Video Processing

Video Engine	4 x Conexant Fusion BT878A	
Resolution	NTSC:	PAL / SECAM:
	720 x 480	720 x 576
	720 x 288	720 x 480
	720 x 240	720 x 288
	640 x 480	720 x 240
	640 x 288	704 x 576
	640 x 240	640 x 480
	352 x 288	640 x 288
Frame Rate	NTSC: Up to 120 fps per channel	
	PAL / SECAM: Up to 100 fps per channel	

### ◆ Multiple Card Support

Card	Video Port	Audio Port	Max. Channel / Resolution Support	Total Frame (NTSC/PAL)
1	4	N/A	4 channels, D1 (720 x 480)	120/100 fps
4	16	N/A	16 channels, QVGA (320 x 240)	480/400 fps

### ◆ System Requirement

System	x86 compatible computer
Graphic	DirectX compatible VGA card supporting YUV overlay mode

### ◆ Functionality

Video Loss Detection	Yes
Multi-screen Support	Yes

### ◆ Others

Dimensions	119.91 mm x 106.68 mm
Operating Temperature	0°C ~ 60°C (32°F~140°F), non-condensing
Power Consumption	15W, 3A@5V (with relay)

## Packing List

IVC-200G-RS-R20	1 x IVC-200G-RS-R20
	1 x GPIO daughter board with cable
	1 x Utility CD
	1 x QIG
IVC-200-RS-R20	1 x IVC-200-RS-R20
	1 x Utility CD
	1 x QIG

## Ordering Information

Part No.	Description
IVC-200G-RS-R20	PCI video capture card with four video input channels, total 120 fps@720x480 (NTSC), and GPIO daughter board
IVC-200-RS-R20	PCI video capture card with four video input channels, total 120 fps@720x480 (NTSC)