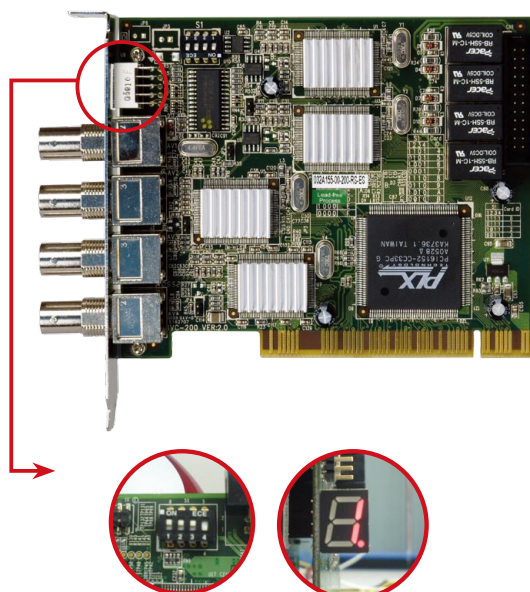


IVC-200G-RS PCI Video Capture Card with Four Video Input Channels, Total 120 fps@720x480(NTSC)



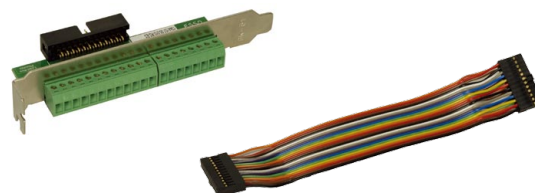
The ID is programmed by a 4-digit DIP switch

Digit LED to show its ID (identification)

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

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 Card (maximum 16 ports video input)
- Drivers for Windows® and Linux available
- Applications: Video surveillance, security, public transportations, police and government



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	Provide 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	320 x 240	720 x 576	352 x 240
	720 x 288	240 x 180	720 x 480	320 x 240
	720 x 240	240 x 176	720 x 288	240 x 180
	640 x 480	176 x 144	720 x 240	240 x 176
	640 x 288	160 x 120	704 x 576	176 x 144
	640 x 240	128 x 96	640 x 480	160 x 120
	352 x 288	88 x 72	640 x 288	128 x 96
352 x 240	80 x 60	640 x 240	88 x 72	
		352 x 288	80 x 60	
Frame rate	NTSC: up to 120 fps per channel PAL / SECAM: up to 100 fps per channel			

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 (quick installation guide)
IVC-200-RS-R20	1 x IVC-200-RS-R20
	1 x utility CD
	1 x QIG (quick installation guide)

Multiple Card Support

Card	Video Port	Audio Port	Support max. Channel / Resolution	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
Operation temperature	0°C~60°C (32°F~140°F), non-condensing
Power consumption	15W, 3A@5V (with relay)

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)

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/Server Solutions

5 Video Capture Solutions

6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/Network Communication/Peripherals