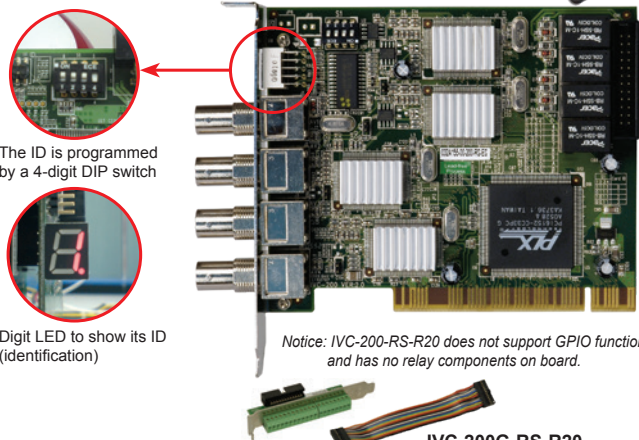# IVC-200G-RS

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.

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

◆ **Video Processing**

Video Engine	4 x Conexant Fusion BT878A
Resolution	NTSC: 720 x 480, 640 x 288, 720 x 288, 640 x 240, 720 x 240, 352 x 288, 640 x 480, 352 x 240 / PAL / SECAM: 720 x 576, 640 x 480, 720 x 480, 640 x 288, 720 x 288, 640 x 240, 720 x 240, 352 x 288, 704 x 576
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
Graphics	DirectX compatible VGA card supporting YUV overlay mode

◆ **Functionality**

Video Loss Detection	Yes
Multi-screen Support	Yes

◆ **Others**

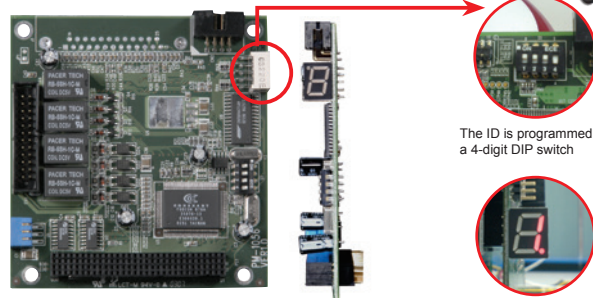|	
Dimensions	119.91 mm x 106.68 mm
Operating Temperature	0°C ~ 60°C (32°F~140°F), non-condensing
Power Consumption	15W, 3A@5V (with relay)

Packing List

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

PM-1056-4P-RS-R21

PCI-104 Video Capture Card with Four Video Input Channels, Total 30 fps@720x480 (NTSC)

The ID is programmed by a 4-digit DIP switch

Digit LED to show its ID (identification)

◆ Applications: Video surveillance, security, public transportations, police and government

VIN-KIT-01
4 x BNC Connector Board

Specifications

◆ **Interface**

Video Input	4-channel composite video NTSC, PAL and SECAM auto sensing
Connector	BNC
Audio Input	4-channel analog audio
Connector	DB9 to 3.5mm phone jack audio cable
PCIe Interface	PCI 2.1 compliance
Card ID	Selectable with LED for ID indication
Alarm I/O	External GPIO daughter board with 4 inputs and 4 outputs (optional)

◆ **Software support**

Device Driver	Windows 2000, XP, Linux Kernel 2.4
SDK	Provides SDK and demo program with sample source code

◆ **Video Processing**

Video Engine	1 x Conexant Fusion™ BT878A
Resolution	NTSC: 720 x 480, 720 x 288, 720 x 240, 640 x 480, 640 x 288, 640 x 240 / PAL / SECAM: 720 x 576, 720 x 480, 720 x 288, 720 x 240, 704 x 576, 640 x 480
Frame Rate	NTSC: Total 30fps @D1 for 4 channels / PAL/SECAM: 25fps @D1 for 4 channels

◆ **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)	30/25 fps
4	16	N/A	16 channels, D1 (720 x 480)	120/100 fps

◆ **System Requirement**

System	x86 compatible computer
Graphics	DirectX compatible VGA card with YUV overlay mode supporting

◆ **Functionality**

Video / Audio Synchronization	Yes
Video Loss Detection	Yes
Motion Detection	Hardware built-in
Watermarking	128-bit secret key, adjustable length

◆ **Others**

Dimensions	95.89 mm x 90.17 mm
Operating Temperature	0°C ~ 60°C (32°F~140°F), non-condensing
Power Consumption	3.5W@5V (with relay)

Packing List

1 x PM-1056	1 x User manual
1 x Audio cable (P/N: 32000-038100-RS)	1 x Video flat cable (P/N: 32000-038100-RS)

Ordering Information

Part No.	Description
PM-1056-4P-RS-R21	PCI-104 video capture card with four video input channels, total 30 fps@720x480 (NTSC)
PM-1056-4PB-RS-R21	PCI-104 video capture card with four video input channels, total 30 fps@720x480 (NTSC), and VIN-Kit-01