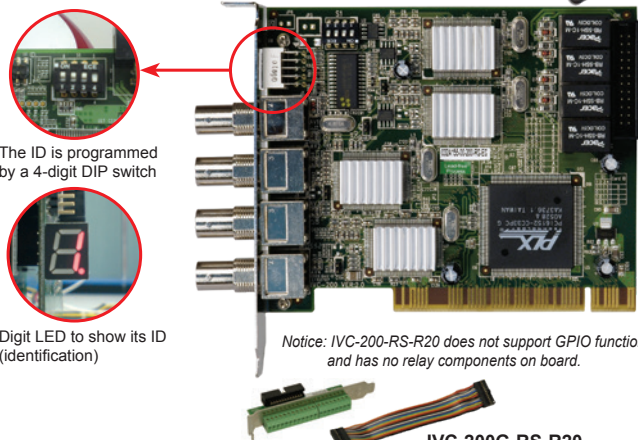


IVC-200G-RS

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:	PAL / SECAM:		
	720 x 480	640 x 288	720 x 576	640 x 480
	720 x 288	640 x 240	720 x 480	640 x 288
	720 x 240	352 x 288	720 x 288	640 x 240
	640 x 480	352 x 240	720 x 240	352 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
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

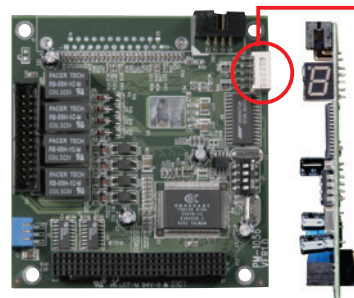
IVC-200G-RS-R20	1 x IVC-200G-RS-R20
	1 x GPIO daughter board with cable
	1 x QIG
IVC-200-RS-R20	1 x IVC-200-RS-R20
	1 x QIG

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:	PAL / SECAM:		
	720 x 480	640 x 288	720 x 576	640 x 480
	720 x 288	640 x 240	720 x 480	640 x 288
	720 x 240	352 x 288	720 x 240	352 x 288
	640 x 480	352 x 240	720 x 240	352 x 288
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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

IEI:

[PPC-F24AD-H81i/PC-R10](#) [PM-1056-4P-RS-R21](#) [PM-1056-4PB-RS-R21](#)