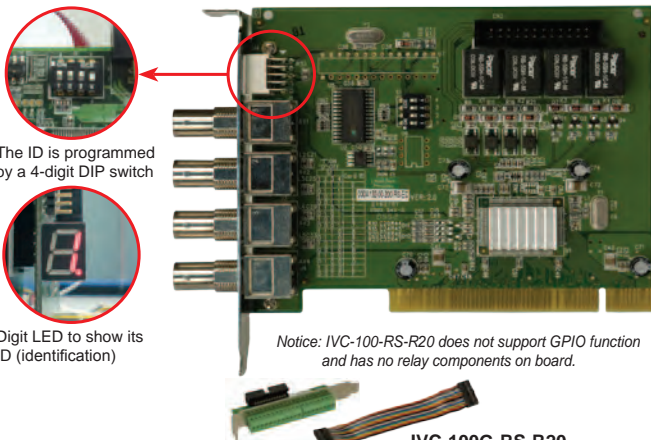


IVC-100G-RS

PCI 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)

Notice: IVC-100-RS-R20 does not support GPIO function and has no relay components on board.

IVC-100G-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-100G-RS-R20 only)

Software Support

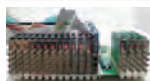
Device Driver	Windows® 2000, XP / Linux kernel 2.6
SDK	Provides SDK and demo program with sample source code in C++

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 288	640 x 240
	640 x 480	352 x 240	720 x 240	352 x 288
Frame Rate	NTSC: Up to 30 fps per channel			
	PAL/SECAM: Up to 25fps at all resolutions			

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
8	32	N/A	32 channels, QVGA (320 x 240)	240/200 fps
16	64	N/A	64 channels, QVGA (320 x 240)	480/400 fps



Supports multiple cards (maximum 64 ports video input)

System Requirement

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

Others

Dimensions	119.91 mm x 106.68 mm
Operating Temperature	0°C ~ 60°C (32°F~140°F), non-condensing
Power Consumption	10.7W, 2.14A@5V (with relay)

Packing List

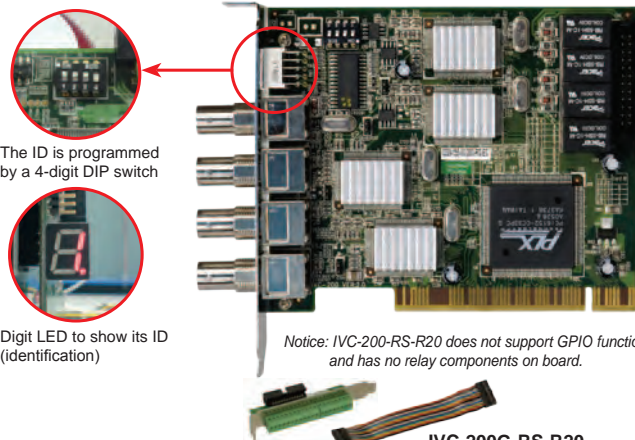
IVC-100G-RS-R20	1 x IVC-100G-RS-R20	
	1 x GPIO daughter board with cable	
	1 x Utility CD	1 x QIG
IVC-100-RS-R20	1 x IVC-100-RS-R20	
	1 x Utility CD	
		1 x QIG

Ordering Information

Part No.	Description
IVC-100G-RS-R20	PCI video capture card with four video input channels, total 30 fps@720x480 (NTSC), and GPIO daughter board
IVC-100-RS-R20	PCI video capture card with four video input channels, total 30 fps@720x480 (NTSC)

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 in C++

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
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)

1
Industrial Computing Solutions

2
Video Capture Solutions

3
Embedded Computing Solutions

4
Automation Control

5
ORing Network Communication

6
Power Supply/Peripherals

7
Panel Solutions Introduction