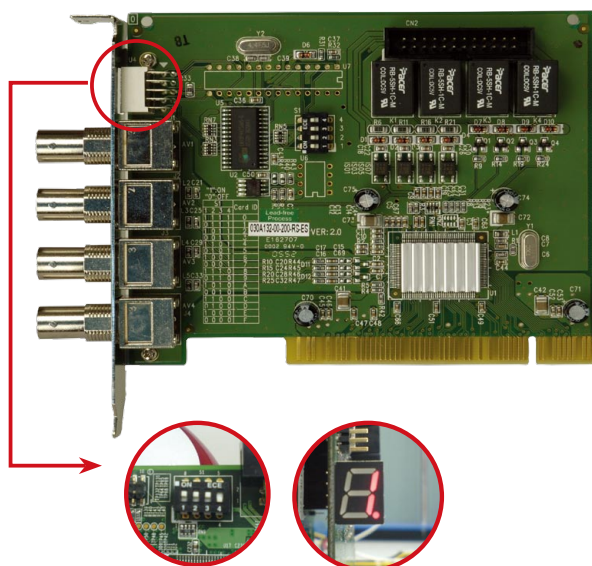


# IVC-100G-RS

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

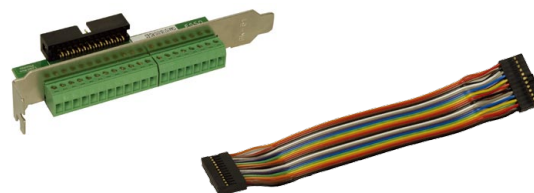


The ID is programmed by a 4-digit DIP switch      Digit LED to show its ID (identification)

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

## Features

- Eight GPIO relay channels (4 in / 4 out) on board, included I/O kit & cable
- Four video channels with 30 fps @ 720 x 480 (NTSC) per channel
- Support Multiple Card ( maximum 64 ports video input )
- Drivers for Windows® and Linux available
- Applications: Video surveillance, security, public transportations, police and government



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

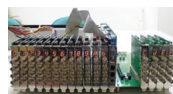
Device Driver	Windows® 2000, XP Linux kernel 2.6
SDK	Provide SDK and demo program with sample source code in C++

### ◆ Video Processing

Video engine	1 x Conexant Fusion BT878A			
Resolution	NTSC:		PAL / SECAM:	
	720 x 480	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	
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	Support max. Channel / Resolution	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



Support Multiple Card ( 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
Operation 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 (quick installation guide)
IVC-100-RS-R20	1 x IVC-100-RS-R20 1 x utility CD 1 x QIG (quick installation guide)

## 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)

1 Industrial Computing Solutions

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