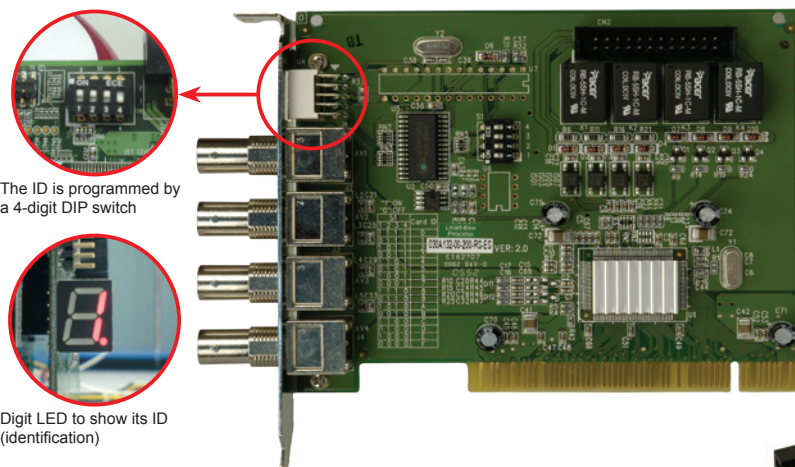


IVC-100G-RS

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)

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 cards (maximum 64 ports video input)
- Drivers for Windows® and Linux available
- Applications: Video surveillance, security, public transportations, police and government

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

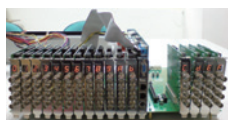
Device Driver	Windows® 2000, XP / Linux kernel 2.6
SDK	Provides SDK and demo program with sample source code in C++

◆ Video Processing

Video Engine	1 x Conexant Fusion BT878A	
Resolution	NTSC:	PAL / SECAM:
	720 x 480	720 x 576
	720 x 288	720 x 480
	720 x 240	720 x 288
	640 x 480	720 x 240
	640 x 288	704 x 576
	640 x 240	640 x 480
	352 x 288	640 x 288
	352 x 240	640 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)