IVC–200G–RS

PCI Video Capture Card with Four Video Input Channels, Total 120 fps@720x480(NTSC)

Notice: IVC-200-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 120 fps @ 720 x 480 (NTSC) per channel
- Support Multiple Card (maximum 16 ports video input)
- Drivers for Windows® and Linux available
- Applications: Video surveillance, security, public transportations, police and government
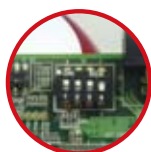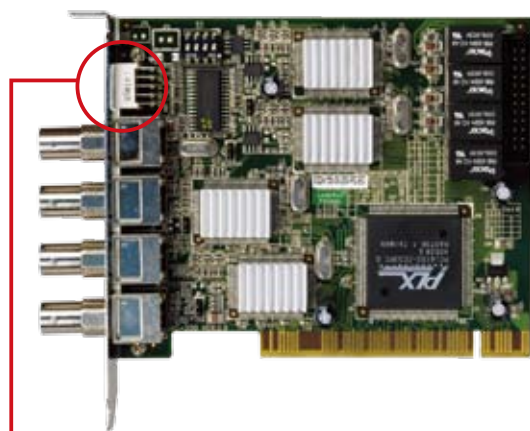
The ID is programmed by a 4-digit DIP switch

Digit LED to show its ID (identification)

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 4outputs (IVC-200G-RS-R20 only)

◆ Software support

Device Driver	Windows® 98 SE, ME, 2000, XP Linux kernel 2.4
SDK	Provide SDK and demo program with sample source code in C++

◆ Video Processing

Video engine	4 x Conexant Fusion BT878A
Resolution	NTSC: 720 x 480, 320 x 240, 720 x 288, 240 x 180, 720 x 240, 240 x 176, 640 x 480, 176 x 144, 640 x 288, 160 x 120, 640 x 240, 128 x 96, 352 x 288, 88 x 72, 352 x 240, 80 x 60 PAL / SECAM: 720 x 576, 352 x 240, 720 x 480, 320 x 240, 720 x 288, 240 x 180, 720 x 240, 240 x 176, 704 x 576, 176 x 144, 640 x 480, 160 x 120, 640 x 288, 128 x 96, 640 x 240, 88 x 72, 352 x 288, 80 x 60
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	Support max. Channel / Resolution	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
Operation 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 (quick installation guide)
IVC-200-RS-R20	1 x IVC-200-RS-R20 1 x utility CD 1 x QIG (quick installation guide)

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)