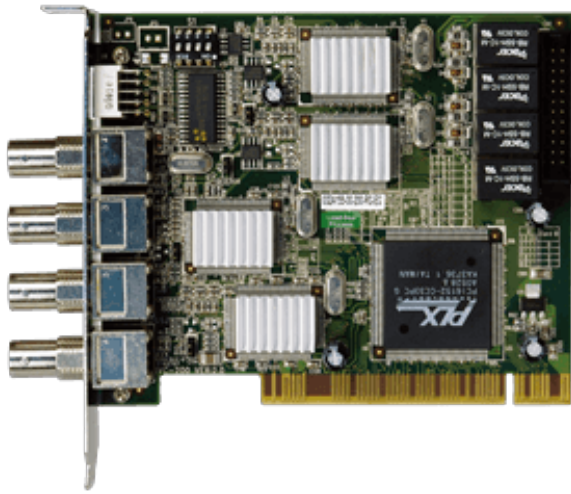


# IVC-200G-RS

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



## Features

- » Single card 4-channel composite video (NTSC/PAL) solution
- » PCI Rev 2.1 compliance interface
- » Compatible with Windows 98 SE, ME, 2000, XP / Linux kernel 2.4
- » NTSC: Up to 120 fps per channel
- » Supports multiple cards up to 16 channels video/audio input
- » External GPIO daughter board with 4 inputs and 4 outputs (optional)
- » SDK available for customer to create customized applications

## Specifications

|                        |   |
|------------------------|---|
| Appearance             |   |
| Dimension              | 119.91 mm x 106.68 mm   |
| Capture Interface      |   |
| Alarm I/O              | GPIO daughter board with 4 inputs and 4 outputs(IVC-200G-RS-R20 only)     |
| Card ID                | DIP switch selectable with LED for ID indication                          |
| Interface Type         | 1 x PCI(Rev 2.1 compliance)   |
| Video Input            | 4 x Video Input Channel(composite video NTSC, PAL and SECAM auto sensing) |
|                        | 4 x Video Input-BNC   |
| Environment            |   |
| Operating Temperature  | 0°C ~ 60°C (32°F~140°F), non-condensing                                   |
| Functionality          |   |
| Multiple Card Support  | 4cards, 16 channels, QVGA (320 x 240), Total Frame (NTSC/PAL):480/400 fps |
| Video Loss Detection   | yes   |
| Others                 |   |
| Power Consumption      | 15W, 3A@5V (with relay)   |
| Software Support       |   |
| SDK                    | 1 x Windows   |
|                        | 1 x Linux   |
| OS Support             | 1 x Microsoft Windows XP  |
|                        | Operating System(Windows 98 ,SE, ME)                                      |
|                        | 1 x Linux Ubuntu  |
|                        | 1 x Linux Kernel(2.4)   |
|                        | 1 x Microsoft Windows 2000  |
| System Requirement     |   |
| CPU                    | x86 compatible computer   |
| Graphic Card           | DirectX compatible VGA card supporting YUV overlay mode                   |
| Video Processing       |   |
| Video Chipset          | 4 x Conexant Fusion BT878A  |
| Video Compression      | 1 x Software Compression  |
| Video Input Resolution | 720 x 480 (NTSC/PAL/SECAM)  |
|                        | 704 x 576 (PAL/SECAM)   |
|                        | 720 x 576 (PAL/SECAM)   |
|                        | 720 x 480 (PAL/SECAM)   |

|  |                                       |
|--|---------------------------------------|
|  | 720 x 288 (NTSC/PAL/SECAM)            |
|  | 720 x 240 (NTSC/PAL/SECAM)            |
|  | 640 x 480 (NTSC/PAL/SECAM)            |
|  | 640 x 288 (NTSC/PAL/SECAM)            |
|  | 640 x 240 (NTSC/PAL/SECAM)            |
|  | 352 x 288 (NTSC/PAL/SECAM)            |
|  | 352 x 240 (NTSC)                      |
|  | *NTSC: Up to 120 fps per channel      |
|  | *PAL/SECAM: Up to 100 fps per channel |

## Ordering Information

|                 |  |
|-----------------|--|
| IVC-200-RS-R20  | 4 channels Video Capture Card;NO GPIO,RoHS   |
| IVC-200G-RS-R20 | 4 channels Video Capture Card;With GPIO,RoHS |

## Packing List

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