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**IVC-200G-RS**

**PM-1056-4P-RS-R21**

***PCI-104 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

***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)

# *Specifications*

Interface

*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

Applications: Video surveillance, security, public transportations, police and government

# *Specifications*

Interface

|  |  |
| --- | --- |
| Video Input | 4-channel composite video NTSC, PAL and SECAM auto sensing |
| Connector | BNC |
| Audio Input | 4-channel analog audio |
| Connector | DB9 to 3.5mm phone jack audio cable |
| PCIeInterface | PCI 2.1 compliance |
| Card ID | Selectable with LED for ID indication |
| Alarm I/O | External GPIO daughter board with 4 inputs and 4 outputs (optional) |

(identification)

**VIN-KIT-01**

4 x BNC Connector Board

|  |  |
| --- | --- |
| Video Input | 4 channels composite videoNTSC, 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 |

Video Processing

|  |  |
| --- | --- |
| Video Engine | 4 x Conexant Fusion BT878A |
|  | NTSC: |  | PAL / SECAM: |  |
|  | 720 x 480 | 640 x 288 | 720 x 576 | 640 x 480 |
| Resolution | 720 x 288720 x 240 | 640 x 240352 x 288 | 720 x 480720 x 288 | 640 x 288640 x 240 |
|  | 640 x 480 | 352 x 240 | 720 x 240 | 352 x 288 |
|  |  |  | 704 x 576 |  |
| Frame Rate | NTSC: Up to 120 fps per channel |
| PAL /SECAM: Up to 100 fps per channel |

Multiple Card Support

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Card | VideoPort | AudioPort | 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 |
| Graphics | 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 QIG |
| IVC-200-RS-R20 | 1 x IVC-200-RS-R20 |
| 1 x QIG |

***Ordering Information***

Software support

|  |  |
| --- | --- |
| Device Driver | Windows 2000, XP, Linux Kernel 2.4 |
| SDK | Provides SDK and demo program with sample source code |

Video Processing

|  |  |
| --- | --- |
| Video Engine | 1 x Conexant Fusion™ BT878A |
| Resolution | NTSC: 720 x 480720 x 288720 x 240640 x 480640 x 288640 x 240 | PAL / SECAM: 720 x 576720 x 480720 x 288720 x 240704 x 576640 x 480 |
| Frame Rate | NTSC: Total 30fps @D1 for 4 channels PAL/SECAM: 25fps @D1 for 4 channels |

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 |

System Requirement

|  |  |
| --- | --- |
| System | x86 compatible computer |
| Graphics | DirectX compatible VGA card with YUV overlay mode supporting |

Functionality

|  |  |
| --- | --- |
| Video / Audio Synchronization | Yes |
| Video Loss Detection | Yes |
| Motion Detection | Hardware built-in |
| Watermarking | 128-bit secret key, adjustable length |

Others

|  |  |
| --- | --- |
| Dimensions | 95.89 mm x 90.17 mm |
| Operating Temperature | 0°C ~ 60°C (32°F~140°F), non-condensing |
| Power Consumption | 3.5W@5V (with relay) |

***Packing List***

|  |  |
| --- | --- |
| 1 x PM-1056 | 1 x User manual |
| 1 x Audio cable (P/N: 32000-038100-RS) | 1 x Video flat cable (P/N: 32000-038100-RS) |

***Ordering Information***

IVC-100G-2018-V11

***Video Capture Solutions***

|  |  |
| --- | --- |
| Part No. | Description |
| IVC-200G-RS-R20 | PCI video capture card with four video input channels, total 120fps@720x480 (NTSC), and GPIO daughter board |
| IVC-200-RS-R20 | PCI video capture card with four video input channels, total 120fps@720x480 (NTSC) |

|  |  |
| --- | --- |
| Part No. | Description |
| PM-1056-4P-RS-R21 | PCI-104 video capture card with four video input channels,total 30 fps@720x480 (NTSC) |
| PM-1056-4PB-RS-R21 | PCI-104 video capture card with four video input channels,total 30 fps@720x480 (NTSC), and VIN-Kit-01 |