

# PM-1056

PCI-104 Video Capture Card with Four Video Input Channels, Total 30 fps@720x480 (NTSC)



## Features

- » Single card 4-channel composite video (NTSC/PAL) solution
- » PCI 104 Plus interface
- » Compatible with Windows 2000, XP, Linux Kernel 2.4
- » NTSC: Total 30fps @D1 for 4 channels
- » 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

|                               |                                                                            |
|-------------------------------|----------------------------------------------------------------------------|
| <b>Appearance</b>             |                                                                            |
| Dimension                     | 95.89 mm x 90.17 mm                                                        |
| <b>Capture Interface</b>      |                                                                            |
| Alarm I/O                     | External GPIO daughter board with 4 inputs and 4 outputs (optional)        |
| Audio Input                   | 4 x Audio Input Channel (analog audio)                                     |
|                               | 1 x Audio Input (connector: DB9 to 3.5mm phone jack audio cable)           |
| Audio Output                  | 1 x Audio Output                                                           |
| Card ID                       | Selectable with LED for ID indication                                      |
| Interface Type                | 1 x PCI (104 Plus)                                                         |
| Video Input                   | 4 x Video Input Channel (composite video NTSC, PAL and SECAM auto sensing) |
|                               | 4 x Video Input-BNC                                                        |
| <b>Environment</b>            |                                                                            |
| Operating Temperature         | 0°C ~ 60°C (32°F~140°F), non-condensing                                    |
| <b>Functionality</b>          |                                                                            |
| Motion Detection              | Hardware built-in                                                          |
| Multiple Card Support         | 4cards, 16 channels,D1 (720 x 480),Total Frame (NTSC/PAL):120/100 fps      |
| Video Loss Detection          | yes                                                                        |
| Watermarking                  | 128-bit secret key, adjustable length                                      |
| Video / Audio Synchronization | yes                                                                        |
| <b>Others</b>                 |                                                                            |
| Power Consumption             | 3.5W@5V (with relay)                                                       |
| <b>Software Support</b>       |                                                                            |
| SDK                           | 1 x Linux                                                                  |
|                               | 1 x Windows                                                                |
| OS Support                    | 1 x Linux Ubuntu                                                           |
|                               | 1 x Microsoft Windows 2000                                                 |
|                               | 1 x Microsoft Windows XP                                                   |
|                               | 1 x Linux Kernel (2.4)                                                     |
| <b>System Requirement</b>     |                                                                            |
| CPU                           | x86 compatible computer                                                    |
| Graphic Card                  | DirectX compatible VGA card with YUV overlay mode supporting               |
| <b>Video Processing</b>       |                                                                            |

|                        |                                       |
|------------------------|---------------------------------------|
| Video Chipset          | 4 x Conexant Fusion BT878A            |
| Video Compression      | 1 x Software Compression              |
| Video Input Resolution | 720 x 480 (NTSC/PAL/SECAM)            |
|                        | 720 x 576 (PAL/SECAM)                 |
|                        | 720 x 288 (NTSC/PAL/SECAM)            |
|                        | 720 x 240 (NTSC/PAL/SECAM)            |
|                        | 704 x 576 (NTSC/PAL/SECAM)            |
|                        | 640 x 480 (NTSC/PAL/SECAM)            |
|                        | 640 x 288 (NTSC)                      |
|                        | 640 x 240 (NTSC)                      |
|                        | *NTSC: Total 30fps @D1 for 4 channels |
|                        | *PAL/SECAM: 25fps @D1 for 4 channels  |

## Ordering Information

|                    |                                                                                                        |
|--------------------|--------------------------------------------------------------------------------------------------------|
| PM-1056-4PB-RS-R21 | PCI-104 video capture card with four video input channels, total 30 fps@720x480 (NTSC), and VIN-Kit-01 |
| PM-1056-4P-RS-R21  | PCI-104 video capture card with four video input channels, total 30 fps@720x480 (NTSC)                 |

## Packing List

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