

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

| Appearance | |
|-------------------------------|--|
| Dimension | 95.89 mm x 90.17 mm |
| Capture Interface | |
| 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 |
| Environment | |
| Operating Temperature | 0°C ~ 60°C (32°F~140°F), non-condensing |
| Functionality | |
| 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 |
| Others | |
| Power Consumption | 3.5W@5V (with relay) |
| Software Support | |
| 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) |
| System Requirement | |
| CPU | x86 compatible computer |
| Graphic Card | DirectX compatible VGA card with YUV overlay mode supporting |
| Video Processing | |

| | |
|------------------------|---------------------------------------|
| 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

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|--------------------|--|
| 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) |