

**PM-1058**  
**PM-1056**  
**PM-1053**

PC/104 plus Dual Channel MPEG 4 Audio & Video Capture Module  
PC/104 plus 4/16 channels Video Capture Module  
PC/104 plus MPEG2 Video/Audio Capture Module

**PC/104**



**PM-1058**

**SPECIFICATIONS**

- ◆ PC/104 Plus form factor
- ◆ Dual MPEG-4 Encoder controllers
- ◆ ALi M5273 USB2.0 host controller
- ◆ Philips SAA7113 Video Decoder
- ◆ AKM 5355VT 16-Bit Stereo Audio A/D Converter
- ◆ On-board 16 MB SDRAM
- ◆ Video input: dual channel BNC Video/S-Video; NTSC/PAL/SECAM auto sensing
- ◆ Audio input: dual channel Stereo Audio
- ◆ PCI V2.1 Compliance; Plug & Play supported
- ◆ Ship with VIN-KIT-03 (2-channel BNC Video/S-Video + 2 Mic-phone jack Audio bracket board)



VIN-KIT-03

**ORDERING INFORMATION**

- **PM-1058**  
PC/104 Plus Dual Channel MPEG 4 Audio & Video Capture Module

**PC/104**

25 pins for 16 channels



**PM-1056-16PG**



4xRCA Connector Cable kit



**VIN-KIT-01**  
4xBNC Connector Board

**SPECIFICATIONS**

- ◆ Analog Video Capture Engine:
  - Conexant Fusion BT878A Capture Engine
  - NTSC/PAL/SECAM PCI Video Decoding
  - Flexible 24-bit wide GPIO (PM-1056-4PG/16PG)
- ◆ Functionality Support
  - NTSC: 720x480, 704x480, 640x480, 352x240, 320x240, 176x112
  - PAL: 720x576, 704x576, 640x576, 352x288, 320x288, 176x144
  - Video loss detection
- ◆ Multi-Screen/Image brightness/Resolution adjustment
- ◆ Capture Frame Rate :Max. 30 fps for 4 channels
- ◆ Provide WDM driver and SDK software development kits
- ◆ Support OS: Window 98, SE, ME, 2000, NT, XP and Linux
- ◆ Power Consumption: 3.5W@5V
- ◆ Operating Temperature: 0~50°C

**ORDERING INFORMATION**

- **PM-1056-4P** **B** 4 channels Video Capture Module
- **PM-1056-4PG** **B** 4 channels Video Capture Module with GPIO function
- **PM-1056-16P** 16 channels Video Capture Module equipped with one 25 pins to 16xBNC input/1xBNC output cable
- **PM-1056-16PG** 16 channels Video Capture Module with GPIO function equipped with one 25 pins to 16xBNC input/1xBNC output cable

**B** : Cable code:

**None**: Ship with one 4xRCA Connector Cable kit

**B** : Ship with one VIN-KIT-01, 4xBNC Connector Board

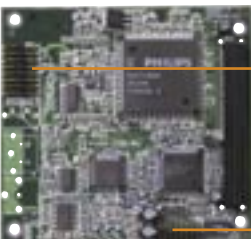


**PM-1056-4PG**



25 Pins to 16xBNC input / 1xBNC output cable

**PC/104**



**PM-1053**

Pin-Header for Video/Audio I/O

Pin-Header for Video/Audio I/O

CS92210 MPEG2 Codec

**SPECIFICATIONS**

- ◆ Video Encoding/Decoding Engine
- ◆ Output Stream supports constant & variable bit rate
- ◆ Video Stream (IPB pictures) bit rate up to 512Mbps
- ◆ Frame Rate: NTSC (30FPS), PAL (25FPS)
- ◆ Digital stereo sound recording
  - UDA1344TS low-power stereo audio codec
  - Sampling Frequencies: 8KHz~55KHz
  - I<sup>2</sup>C Bus
  - MSB-Justified or LSB-Justified 16/18/20 bits compatible
  - SAA7146A Video/Audio synchronization
  - 2 x 256-bits bi-directional digital audio interfaces(4 DMA channels)
  - Programmable bit clock generation
- ◆ 2x8 pin-header for one Video Input
- ◆ Windows WDM & SDK provided
- ◆ Driver Support: Windows 98SE/ME/2000 & XP



Cable kit

**ORDERING INFORMATION**

- **PM-1053**  
PC/104 Plus MPEG2 Video/Audio Capture Module (Shipped with Cable kit)