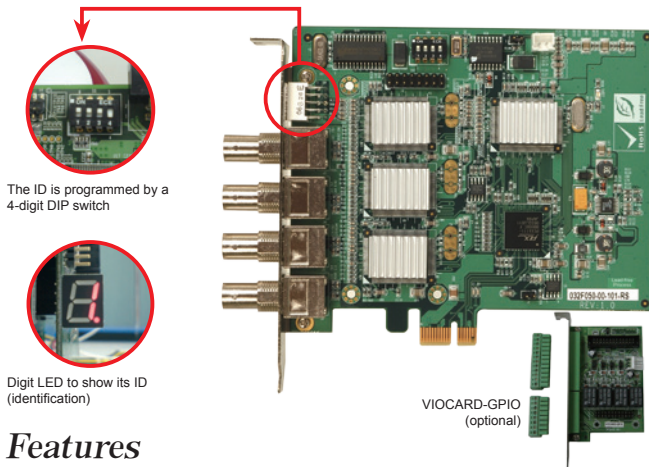


IVCE-8784

PCI Express 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)

VIOCARD-GPIO (optional)

Features

- External GPIO relay board with eight channels (4 in / 4 out), included I/O kit & cable
- PCI Express x1 interface with PCIe-to-PCI bridge onboard
- Four video channels with 120 fps @ D1 per channel
- NTSC/PAL/SECAM auto sensing
- Supports multiple cards (maximum 32 ports video input)
- SDK with Windows® drivers
- Applications: Video surveillance, security, public transportations, police and government

Specifications

Interface

Video Input	4 channels composite video NTSC, PAL and SECAM auto sensing
Connector	BNC
PCIe Interface	PCIe x1
Card ID	DIP switch selectable with LED for ID indication

Software Support

Device Driver	Windows® 98, SE, ME, 2000, XP
SDK	Provides SDK and demo program with sample source code in C++

Video Processing

Video Engine	4 x Conexant Fusion BT878A
Resolution	NTSC: 720 x 480, 720 x 288, 720 x 240, 640 x 480, 640 x 288, 640 x 240, PAL / SECAM: 720 x 576, 720 x 480, 720 x 288, 720 x 240, 704 x 576, 640 x 480
Frame Rate	NTSC: Up to 120 fps per channel PAL / SECAM: Up to 100 fps per channel

System Requirement

System	x86 compatible computer works perfectly with system using 400MHz CPU
Graphic	DirectX compatible VGA card supporting YUV overlay mode

Functionality

Card	Video Port	Audio Port	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, D1 (720 x 480)	480/400 fps
8	32	N/A	32 channels, QVGA (320 x 240)	960/800 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	7.8W, 0.65A@12V (without relay)

Packing List

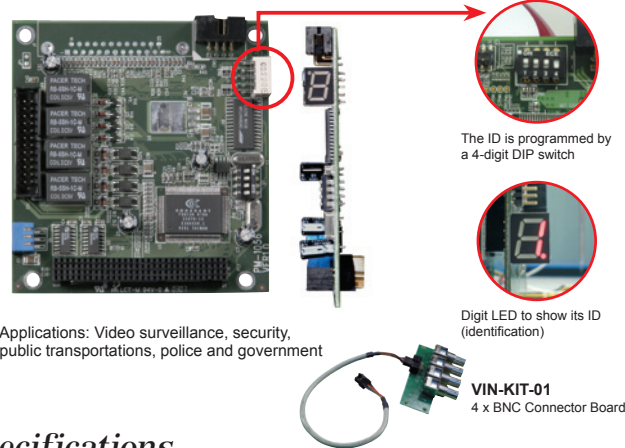
1 x IVCE-8784	
1 x Utility CD	1 x QIG

Ordering Information

Part No.	Description
IVCE-8784-R10	PCI Express video capture card with four video input channels, total 120 fps@720x480 (NTSC)
Optios	
VIOCARD-GPIO-RS-R10	8 GPIO channels (4 digital inputs and 4 relay outputs)

PM-1056-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 (identification)

VIN-KIT-01
4 x BNC Connector Board

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

Specifications

Interface

Video Input	4 channels 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
PCIe Interface	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)

Software support

Device Driver	Windows® 2000, XP, Linux Kernel 2.4
SDK	Provides SDK and demo program with sample source code in C++

Video Processing

Video Engine	1 x Conexant Fusion™ BT878A
Resolution	NTSC: 720 x 480, 720 x 288, 720 x 240, 640 x 480, 640 x 288, 640 x 240, PAL / SECAM: 720 x 576, 720 x 480, 720 x 288, 720 x 240, 704 x 576, 640 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 Utility CD	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

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