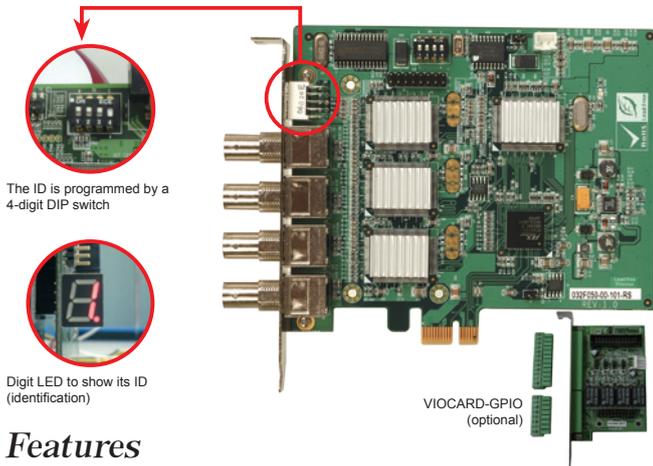


# IVCE-8784

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

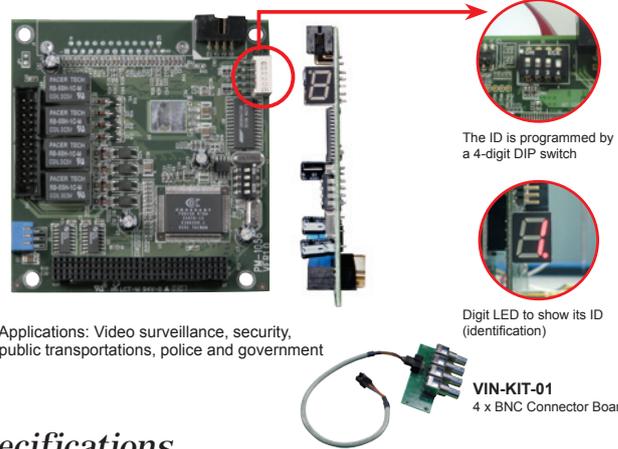
1 x IVCE-8784	
1 x Utility CD	1 x QIG

## Ordering Information

Part No.	Description
IVCE-8784-R10	PCI Express video capture card with four video input channels, total 120 fps@720x480 (NTSC)
<b>Optios</b>	
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)

- 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