

# PCIE-VC400

PCIe video capture card with 4-channel video inputs, total 120fps@D1 for 4 channels (NTSC)



## Specifications

### Interface

Video Input	4 channels composite video NTSC, PAL and SECAM auto sensing
Video Input Type	BNC
PCI Interface	PCIe x 1
Alarm I/O	Yes

### Software Support

Device Driver	Windows® 2000, XP, Win7
SDK	Provides Windows DLL library and demo program with sample source code in C++

### Video Processing

Video Engine	1 x Conexant CX25854	
Resolution	NTSC:	PAL/SECAM
	720 x 480	720 x 576
	720 x 240	720 x 288
	640 x 480	352 x 288
	640 x 240	
	352 x 240	
Frame Rate	NTSC: Total 120fps@D1 for 4 channels	
	PAL/SECAM: 100fps@D1 for 4 channels	

### System Requirement

System	x86 compatible computer Provide Windows DLL library for NI Vision and OpenCV
Graphic	DirectX compatible VGA card supporting YUV overlay mode

### Others

Dimensions	111.23 mm x 102.39 mm
Operating Temperature	0°C ~ 60°C (32°F~140°F), non-condensing
Power Consumption	12V@0.4A

## Ordering Information

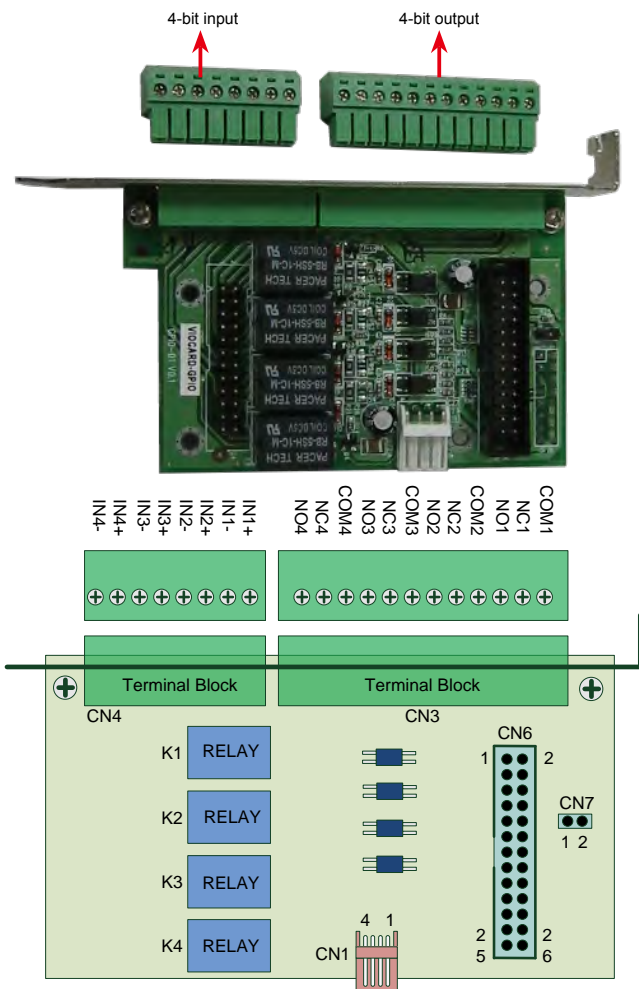
Part No.	Description
IVC-200G-RS-R20	PCI video capture card with four video input channels, total 120 fps@720x480 (NTSC), and GPIO daughter board
IVC-200-RS-R20	PCI video capture card with four video input channels, total 120 fps@720x480 (NTSC)

## Features

- Single card 4-channel solution
- PCI Express interface provides higher bandwidth and great performance
- Compatible with Linux Fedora (32-bit and 64-bit), Windows® 7 (32-bit and 64-bit) and Windows® XP
- Total 120fps @ D1 for 4 channels (NTSC)
- External GPIO daughter board with 4 inputs and 4 outputs (optional)
- SDK available for customer to create customized applications
- Support 4-channel Soft Trigger
- Support DirectShow
- Provide Windows DLL library (compatible with NI vision and OpenCV)

## Accessories (Optional)

### ADP-VC400



### W20P-VC400-L10



## Ordering Information

Part No.	Description
VIOCARD-GPIO-RS-R10	4-bit input and 4-bit output GPIO card
32225-002200-100-RS	GPIO card to IVC/IVCE capture card connection cable
32031-000100-100-RS	GPIO card to IVCME capture card connection cable