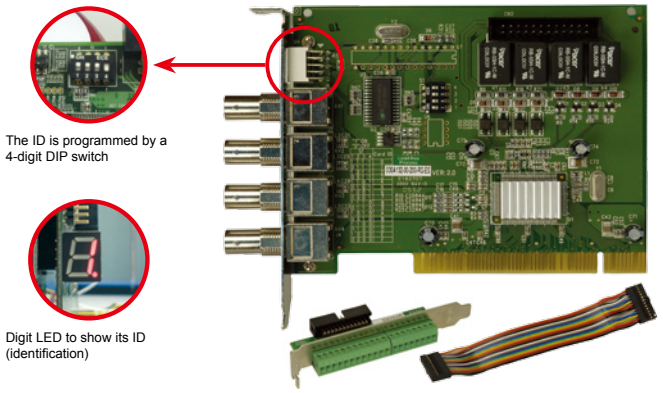
IVC-100G-RS

PCI video capture card with four video input channels, total 30 fps@720x480 (NTSC)



IVC-100G-RS-R20
GPIO-daughter board and cable

Specifications

◆ Interface

Video Input	4 channels composite video NTSC, PAL and SECAM auto sensing
Video Input Type	BNC
PCI Interface	PCI Rev 2.1 compliance
CARD ID	DIP switch selectable with LED for ID indication
Alarm I/O	GPIO daughter board with 4 inputs and 4 outputs (IVC-100G-RS-R20 only)

◆ Software support

Device Driver	Windows® 2000, XP / Linux kernel 2.6
SDK	Provide 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, 352 x 288, 352 x 240	PAL / SECAM: 720 x 576, 720 x 480, 720 x 288, 720 x 240, 704 x 576, 640 x 480, 640 x 288, 640 x 240, 352 x 288
Frame Rate	NTSC: up to 30 fps per channel PAL /SECAM: up to 25fps at all resolutions	

◆ Multiple Card Support

Card	Video Port	Audio Port	Support max. Channel / Resolution	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
8	32	N/A	32 channels, QVGA(320 x 240)	240/200 fps
16	64	N/A	64 channels, QVGA(320 x 240)	480/400 fps

Support Multiple Card
(maximum 64 ports video input)

◆ System Requirement

System	x86 compatible computer
Graphic	DirectX compatible VGA card supporting YUV overlay mode

◆ Others

Dimensions	119.91 mm x 106.68 mm
Operation Temperature	0°C~60°C (32°F~140°F), non-condensing
Power Consumption	10.7W, 2.14A@5V (with relay)

Packing List

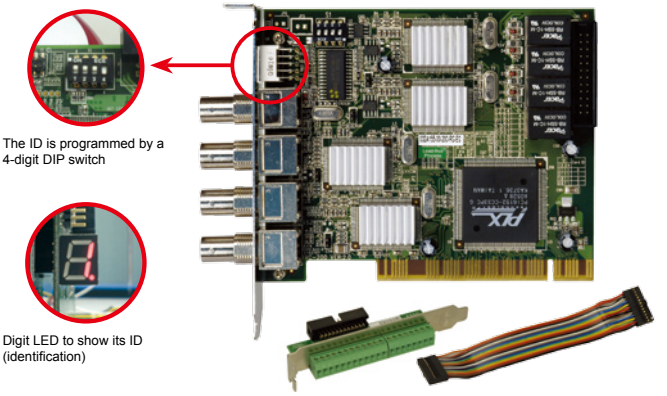
IVC-100G-RS-R20	1 x IVC-100G-RS-R20	1 x GPIO daughter board with cable
	1 x Utility CD	1 x QIG
IVC-100-RS-R20	1 x IVC-100-RS-R20	1 x Utility CD
	1 x QIG	

Ordering Information

Part No.	Description
IVC-100G-RS-R20	PCI video capture card with four video input channels, total 30 fps@720x480(NTSC), and GPIO daughter board
IVC-100-RS-R20	PCI video capture card with four video input channels, total 30 fps@720x480(NTSC)

IVC-200G-RS

PCI video capture card with four video input channels, total 120 fps@720x480 (NTSC)



IVC-200G-RS-R20
GPIO-daughter board and cable

Specifications

◆ Interface

Video Input	4 channels composite video NTSC, PAL and SECAM auto sensing
Video Input Type	BNC
PCI Interface	PCI Rev 2.1 compliance
CARD ID	DIP switch selectable with LED for ID indication
Alarm I/O	GPIO daughter board with 4 inputs and 4 outputs (IVC-200G-RS-R20 only)

◆ Software support

Device Driver	Windows® 98 SE, ME, 2000, XP / Linux kernel 2.4
SDK	Provide 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, 352 x 288, 352 x 240	PAL / SECAM: 720 x 576, 720 x 480, 720 x 288, 720 x 240, 704 x 576, 640 x 480, 640 x 288, 640 x 240, 352 x 288
Frame Rate	NTSC: up to 120 fps per channel PAL /SECAM: up to 100 fps per channel	

◆ Multiple Card Support

Card	Video Port	Audio Port	Support max. Channel / Resolution	Total Frame (NTSC/PAL)
1	4	N/A	4 channels, D1(720 x 480)	120/100 fps
4	16	N/A	16 channels, QVGA(320 x 240)	480/400 fps

◆ System Requirement

System	x86 compatible computer
Graphic	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
Operation Temperature	0°C~60°C (32°F~140°F), non-condensing
Power Consumption	15W, 3A@5V (with relay)

Packing List

IVC-200G-RS-R20	1 x IVC-200G-RS-R20	1 x GPIO daughter board with cable
	1 x Utility CD	1 x QIG
IVC-200-RS-R20	1 x IVC-200-RS-R20	1 x Utility CD
	1 x QIG	

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)