

PCI Express 4 Channel Video Capture Card

IVCE-8784

Quick Installation Guide

Version 1.0

Jun. 14, 2007

Packing List

- 1 x IVCE-8784 video capture card
- 1 x Utility CD
- 1 x QIG(Quick Installation Guide)

Ordering Information

IVCE-8784-R10

PCIe 4 Channel 120fps video capture card,Conexant BT878, RoHS

VIOCARD-GPIO-RS-R10

4-bit Digital Inputs and 4 Relay Outputs module, RoHS compliant



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Specifications

- Interface

Video input: 4 channels Composite video

Connector: BNC

PCIe Interface: PCIe x 1

Card ID: DIP switch selectable with LED for ID indication

Alarm I/O

GPIO daughter board with 4 inputs and 4 outputs(Optional)

- Video Processing

Video Engine: 4 x Conexant Fusion BT878A

Resolution

NTSC

PAL/SECAM

720 x 480

720 x 576

704 x 480

704 x 576

640 x 480

640 x 576

352 x 240

352 x 288

320 x 240

176 x 144

176 x 112

Frame Rate

NTSC: up to 120fps at all resolutions

PAM/SEACAM: up to 100fps at all resoutions

- Functionality

Video Loss Detection YES

Multi-Screen Support YES

- System Requirement

System: x86 PC compatible computer

Graphic

DirectX compatible VGA card with YUV overlay mode supporting

- Software Support

Device Driver: Windows 98,SE,ME,2000,XP

SDK:

Provide SDK and demo program with sample source code in C++

- Others

Dimensions: 119.91mm x 106.66mm

Operation Temperature:

0°C~60°C(32°C~140°C)non-condensing

Power Consumption: 7.5W,1.5A@5V

Jumpers setting and Connectors

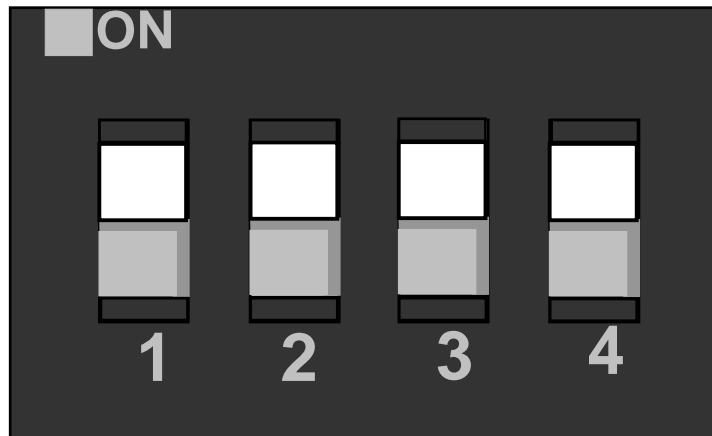
JP2	
PIN	DESCRIPTION
1	WTO#
2	NC

JP3	
PIN	DESCRIPTION
1	WTO#
2	GND

Note: WTO# means Watch-Dog Time Out

CN1 GPIO connector			
PIN	DESCRIPTION	PIN	DESCRIPTION
1	GPIO0	2	5V
3	GPIO1	4	5V
5	GPIO2	6	5V
7	GPIO3	8	5V
9	GPIO4	10	GND
11	GPIO5	12	GND
13	GPIO6	14	GND
15	GPIO7	16	GND

SW1 Jumper Settings



	1	2	3	4	Card ID
	ON	ON	ON	ON	0
	OFF	ON	ON	ON	1
	ON	OFF	ON	ON	2
	OFF	OFF	ON	ON	3
	ON	ON	OFF	ON	4
	OFF	ON	OFF	ON	5
	ON	OFF	OFF	ON	6
	OFF	OFF	OFF	ON	7
	ON	ON	ON	OFF	8

	OFF	ON	ON	OFF	9
	ON	OFF	ON	OFF	A
	OFF	OFF	ON	OFF	B
	ON	ON	OFF	OFF	C
	OFF	ON	OFF	OFF	D
	ON	OFF	OFF	OFF	E
	OFF	OFF	OFF	OFF	F

Board Layout: Jumper and Connector Locations

