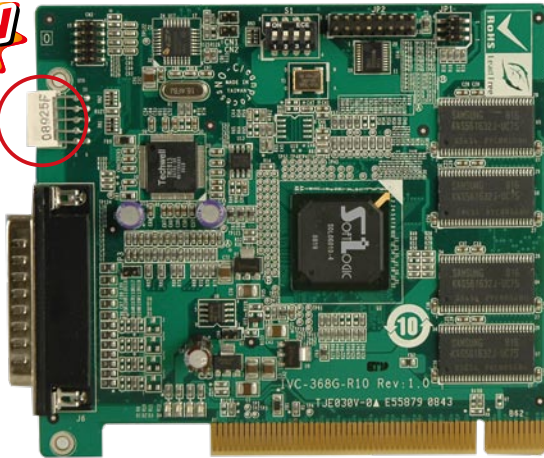
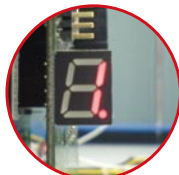


IVC-368G-4CH PCI video/audio capture card with four video input channels, total 120 fps@704x480(NTSC), four audio input channels, and hardware MPEG 4



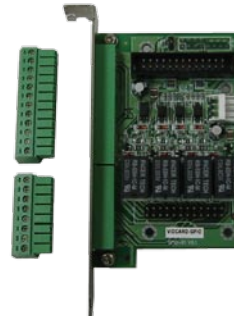
The ID is programmed by a 4-digit DIP switch



Digit LED to show its ID (identification)

Features

- ISO/IEC MPEG4 advanced simple profile @ LEVEL 3,2,1
- Quadruple D1 speed Full Hardwired MPEG4 video CODEC Engine
- Four video channels with 120 fps @ 704 x 480 (NTSC)
- Full search motion estimation with half-pixel resolution for optimal compression efficiency per channel
- 4-channel stereo audio input
- Programmable GOP (group of picture) /OSG (on-screen-Graphic)
- External GPIO daughter board with 4 inputs and 4 outputs (optional)
- Applications: Video conference, DVB-H/T, VOD,DVR



VIOCARD-GPIO (optional)

Specifications

◆ Interface

Video input	4 channels composite video NTSC/PAL/SECAM auto sensing
Connector	DB-25 Connector
Video input	4 channel analog audio
PCI interface	PCI Rev. 2.2 compliant
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 2.6
SDK	Provide SDK and demo program with source code in C++

◆ Video Processing

Video engine	MPEG4 Video Hardware Encoder	
Resolution	NTSC: 704 x 480	PAL / SECAM: 704 x 480
	704 x 240	704 x 240
	352 x 240	352 x 240
	176 x 112	176 x 112
Frame Rate	NTSC: Total 120fps@D1 for 4 channels PAL/SECAM: 100fps@D1 for 4 channels	

◆ Audio Processing

Audio compression	G.723 Voice CODEC (ADPCM/PCM)
Sampling rate	8K,16K (Hardware Spec.)
Quantization	8K,16K (Hardware Spec.)

◆ System Requirement

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

◆ Functionality

Video /audio synchronization	Yes
Video Loss Detection	Yes
On-screen display	Yes
Camera loss detection	Yes
Motion detection	Yes
Watermarking	Yes

◆ Others

Dimensions	119.91 mm x 106.68 mm
Operation temperature	0°C-60°C (32°F-140°F), non-condensing
Power consumption	1.8W, 0.36A@5V(without relay)

Packing List

1 x IVC-368G-4CH
1 x DB-25 Connector
1 x utility CD
1 x QIG (quick installation guide)

Ordering Information

Part No.	Description
IVC-368G-4CH-R10	PCI video/audio capture card with four video input channels, total 120 fps@704x480(NTSC), four audio input channels, and hardware MPEG 4
VIOCARD-GPIORS-R10	8 GPIO channels (4 digital inputs and 4 relay outputs)

1 Industrial Computing Solutions

2 Embedded Computing Solutions

3 RISC-Based Embedded Solutions

4 Industrial Data Collector/Server Solutions

5 Video Capture Solutions

6 I/O Communication Solutions

7 Panel Solutions

8 Power Supply/Network Communication/Peripherals