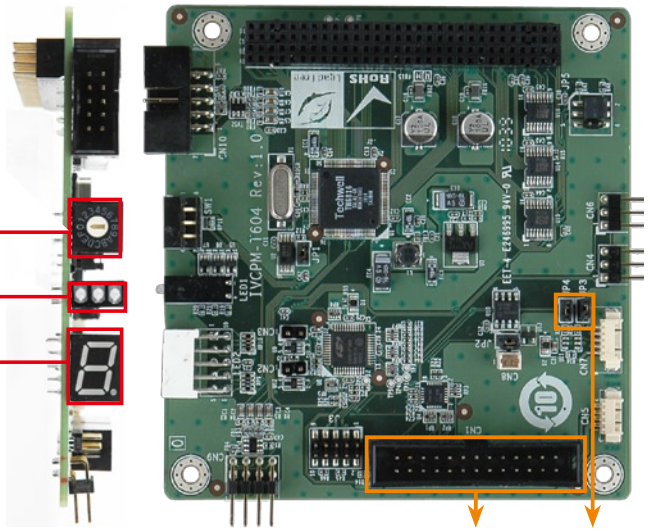
IVCPM-T604

PCI-104 video/ audio capture card with 4 channel video/ audio input, total 120fps@D1 for 4 channels (NTSC)

New



Features

- PCI-104 form factor for 4 channels solution
- Compatible with Windows XP, Windows 7 and Linux OS
- Four videl channels with 120fps @ D1 for 4 channels (NTSC)
- Support multiple card up to maximum 16 channels video input and 16 channels audio input
- External GPIO daughter board with 4 input and 4 output (optional)
- SDK available for customer to create customized applications

Specifications

◆ Interface

Video Input	4 channels composite video NTSC/PAL/SECAM auto sensing
Video Input Type	BNC
Audio Input	4 channels
Audio Input Type	Audio kit with 3.5mm audio jack connector
Bus Interface	PCI Rev. 2.2~3.0 compliant
Alarm I/O	Yes
Card ID	Rotate switch selectable with LED for ID indication
LED Indicater	Red LED for system Green LED for AP running Yellow LED for watchdog

◆ Video Processing

Video Compression	Software compression	
Video Engine	1 x Techwell 6816	
Resolution	NTSC: 720 x 480 720 x 240 704 x 480 704 x 240 640 x 480 352 x 240 320 x 240 176 x 120	PAL/SECAM: 720 x 576 720 x 288 704 x 576 704 x 288 640 x 480 352 x 288 320 x 240 176 x 144
Frame Rate	NTSC: Total 120fps @ D1 for 4 channel PAL/SEACAM: Total 100fps @ D1 for 4 channel	

◆ Audio Processing

Audio Compression	Software compression
Sampling Rate	8kHz,16kHz,32kHz,44.1kHz,48kHz (hardware spec.)
Quantization	8 bit,16 bit(hardware spec.)

◆ Functionality

Video/ Audio Synchronization	Yes
Video Loss Detection	Yes
On-screen Display	Yes
Motion Detection	N/A
Watermaking	N/A

◆ System Requirement

System	x86 PC compatible computer
Memory	512MB or above

◆ Others

Dimensions	96 mm x 90 mm
Operation Temperature	-20°C ~ 65°C, non-condensing
Power Consumption	1W (3.3V@0.31A)

Packing List

1 x IVC-T604 capture card	
1 x Video input cable kit	1 x Utility CD
1 x Audio input cable kit	1 x QIG

VIOCARD-GPIO (Optional)

4 channels Video input daughter board

4 channels audio input

Ordering Information

Part No.	Description
IVCPM-T604-R10	PCI-104 Video/ Audio Capture Card with 4 channel Video/ Audio input, Total 120fps@D1 for 4 channels (NTSC)
VIOCARD-GPIO-RS-R10	8 GPIO channels (4 digital input and 4 relay output)
32200-000012-RS	GPIO card to IVC capture card connection cable