IVC-4300

4-Channel MPEG-4 Audio/Video Capture Card

IVC-4300 is an audio/video capture card designed for multi-channel applications. It includes 4-channel Video and Audio MPEG-4 hardware encoder to provide real-time VGA quality video and stereo audio capture for each channel.

Coming Soon

Key Features

- 4-Channel Full-D1 resolution real-time recording
- 4-Channel Stereo Audio input
- NSTC/PAL Auto-Sensing
- Support up to total 120 VGA frames per second
- Support stereo audio with 16-bit data quantization
- Smart ID number supports for easy system maintenance
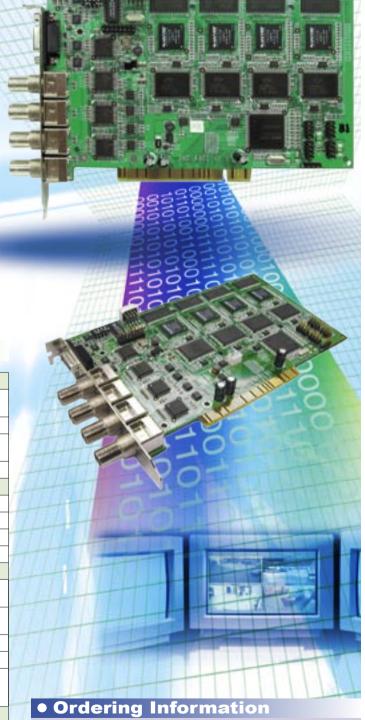- Provide SDK and demo program for software application development

SDK

SDK of IVC-4300 offers 4-challel Audio/Video preview / recording function. You can adjust the detailed parameters, supporting various kinds of image file format, such as"MPEG-1", "MPEG-2" and "MPEG-4". So that you can easily develop your own software for DVR or streaming software.

GPIO Application

This is the integrating module as the event trigger, providing 4 independent general purpose input connectors, including 4 relays for output on/off signal to other hardwar.

● Specifications

Interface:	
Video Input	4 Ch. BNC Composite Video, NTSC/PAL auto sensing
Audio Input	4 Ch. Stereo Audio
PCI Interface	PCI V2.1 Compliance, Plug & Play support
Card ID	Dip-switch with 7-segment LED
Audio Processing:	
Sampling Rate	44100 Hz and 48 KHz
Quantization	8 Bit data depth
Data Format	PCM, ADPCM
Video Processing:	
Video Compression	MPEG-4 Advanced Simple Profile @L3 MPEG-2 MP@ML ,MPEG-1
Video Resolution	720 x 480, 352 x 240 (NTSC) 720 x 576, 352 x 288 (PAL)
Frame Rate	Up to 30(NTSC), 25(PAL) FPS for each channel
Image Processing	Hardware control of brightness, contrast and saturation.
Video Quality	DVD quality full D1 video at 3 Mbps, High quality D1 video at 1 Mbps High quality CIF video at 384Kbps
Software Support:	
Device Driver	Provide driver for Window 2000 and Windows XP systems
SDK	Provide SDK and demo program for software application development.

● Ordering Information

- **IVC-4300**
  4-Channel MPEG-4 Audio/Video Capture Card