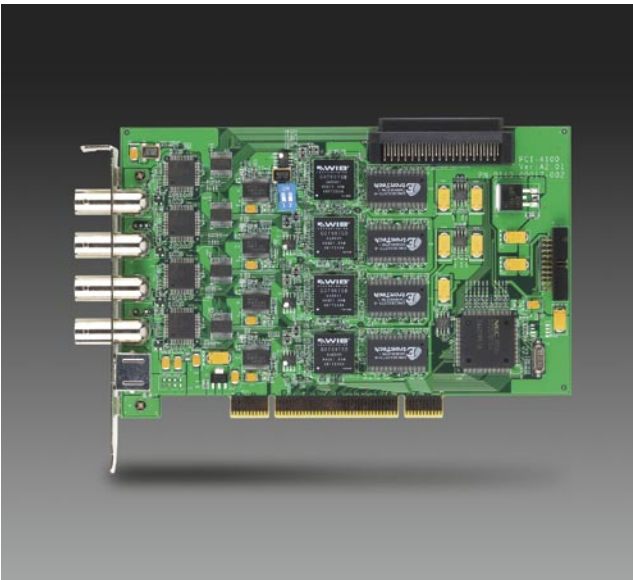




4-channel MPEG-4 Video
Audio Compression Card

PCI-4100



- 4 channel video/audio inputs via BNC and RCA connectors
- MPEG-4 ASP compliant hardware compression
- CIF up to full D1 resolution at 30/25 FPS per channel
- Digital time code embedded
- Windows WDM Driver (DirectShow Filter Supported)
- Video signal loss detection

► **MPEG-4 compression gives a high resolution image quality**

The PCI-4100 adopts MPEG-4 ASP compliant compression technology which can compress video data into MPEG-4 video streaming while maintaining resolution up to full D1, 30 fps at NTSC and 25 fps at PAL. To sustain the image quality of each channel, 4 encoders are put on the board to process signals from the 4 independent image sources. Under this design, each channel can be real-time previewed and recorded as well as displayed by Full D1 resolution.

Another special feature of PCI-4100 is the embedded digital time-code. Any attempts to change the images will destroy the time code, which can be applied to identify forged images.

The PCI-4100 also supports a daughter card, DIO-1100 for DI/O functions. The DIO-1100 provides 4-ports dry/wet switch digital inputs with photo couple, and 4 relay output channels with surge protection. It supports RS-232, RS-422 or RS-485 for easy integration with external devices.

► **Ultra extensibility to provide a 16-channel real-time solution**

The additional enhancement of PCI-4100 is its extensibility of utilizing four PCI-4100 cards to connect to one PCI-6100 Real-time Display Card, thus providing a real-time solution of 16 channel video display preview on both VGA and TV monitor simultaneously.

Other features such as motion detection, blind cameras detection, multiplexer are also enabled when connecting to PCI-6100 real-time display card.

PRODUCT SPECIFICATION

Compression	MPEG-4 ASP compliant compression	Compression	8 kHz, Mono, PCM
Picture Resolution	Full D1 (720x480 in NTSC, 720x576 in PAL) CIF (352x240 in NTSC, 352x288 in PAL) QCIF (160x112 in NTSC, 176x144 in PAL)	Audio Line Input	Unbalanced, 1.4Vp-p, 1Vrms, Mini Din
Image Frame Rate	30 fps at full D1 resolution (NTSC) 25 fps at full D1 resolution (PAL)	Web Browser	Microsoft Internet Explorer 6.0 or above
Composite Input	4, CVBS, 1.0Vp-p with 75Ω loading, BNC connector	SDK	ActiveX control, C SDK
		Security	Password protection : configured by the administrator

ORDERING INFORMATION

Model Name	Description
PCI-4100	4-channel MPEG-4 video audio compression card