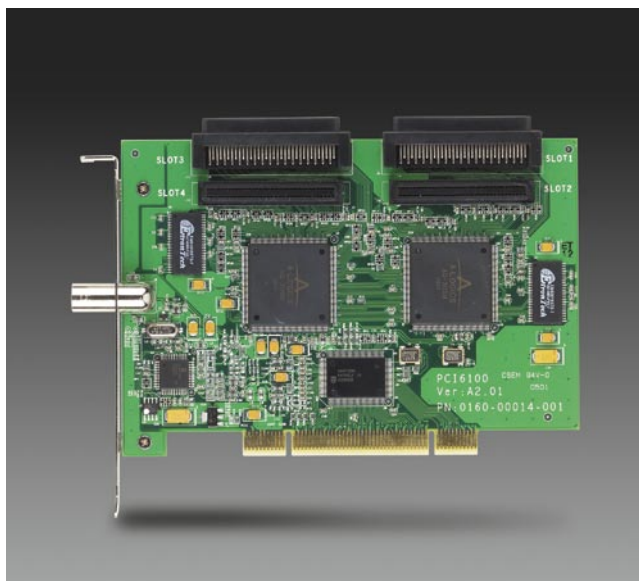




Real-time Display Card Supports up to 16 Channels of Video Output

PCI-6100



- 16 live video channels previewing at the same time
- Hardware motion detection
- Video loss detection
- Blind camera detection
- VGA and TV output supported

▶ 16 channels of video displaying at the same time

The PCI-6100 is a real-time display card that supports maximum 16 channels of live digital video signal from four PCI-4100 video compression cards, or four PCI-5100/PCI-5200 video decoder cards. To decrease system loading when displaying 16 video channels simultaneously, PCI-6100 utilizes hardware computing technology to process the video display. Compared with using software computing to finish these tasks, hardware computing can share most loadings of CPU and thus can have higher system performance as well as sustain a video resolution up to Full D1.

Through the BNC connector on the PCI-6100, video data can be displayed on both TV monitor and VGA monitor at the same time without extra signal converters.

▶ Extra features enhance the power of PCI-4100/PCI-5100/PCI-5200

There are some additional functions of the PCI-6100 to support the PCI-4100/PCI-5100/PCI-5200 in :

1. Motion detection : In addition to utilizing the hardware computing to lower system resource consumptions in motion detection, PCI-6100 also enables motion detection to specific areas on the screen, or settings to the sensitivity of motion upon different situations.
2. Video loss or blind images detection : The PCI-6100 can auto-detect if the video signal is lost or camera lens are covered.
3. Multiplexing : The PCI-6100 can split the TV monitor screen into different sections for multi-channel preview without any extra physical multiplexer.

PRODUCT SPECIFICATION

Video (Compression)		Video Output	
Compression	MPEG-4 Decoding	Composite Output	1, CVBS, 1.0Vp-p with 75Ω loading, BNC connector
Picture Resolution	Full D1 (720x480 in NTSC, 720x576 in PAL) CIF (352x240 in NTSC, 352x288 in PAL)	Software	
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
		SDK	ActiveX control, C SDK
		Security	Password protection : configured by the administrator

ORDERING INFORMATION

Model Name	Description
PCI-6100	Real-time display card with 16-channel video outputs