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TECHNOLOGY GROUP

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Find the *CyberOptics / Imagenation PXC-200L-02* at our website: ***Click HERE***

PXC Frame Grabber Family

Specifications & Features Overview
Common to all PXC Family Members

Specifications

- **Bus** PCI bus master design for real-time image capture
- **Input video format** NTSC, PAL, SECAM, S-video
- **Input video** 1 V peak to peak, 75 ohms
- **Output formats** Color: YcrCb 4:2:2 and 4:1:1; RGB 32, 24, 16, 15; Monochrome: Y8
- **Resolution** NTSC: 640 x 480; PAL/SECAM: 768 x 576
- **Power** + 5 VDC, 500 mA
- **Camera Power** + 12 VDC output
- **Supported Operating systems** Win 95 / 98 / ME, Win NT / 2000 / XP
- **Supported Languages** C / C++, C#, Visual Basic and Visual Basic .NET

Features



- **Sampling jitter** Maximum of ± 4 ns relative to horizontal synchronization (for a stable source)
- **External trigger** Input pulled by 10k ohm to 5 V, trigger requires a TTL pulse of 100 ns (minimum); software programmable edge or level sensitivity; software programmable polarity
- **Video noise** < 1 LSB (least significant bit)
- **Video Multiplexer** Standard product: four video inputs (only one can S-video); Standard product plus Optional Control Package: four video inputs, any or all of which can be S-video
- **Real time scaling** With interpolation, plus horizontal and vertical cropping
- **DAC reference generator** Eliminates inconsistency of AGC
- **FCC verification and CE marked**
- **Compatible with** CVB, Halcon, ActiVision Tools and Xcaliper

Specific to Individual PXC Family Members

	PXC200AL	PXC200AF
Form Factor	PCI	PCI
4 Composite video inputs	*	*
3 Composite and 1 S-video input	*	
4 S-video inputs		*
Independent DC restore in 4 video inputs		*
Fast field detect for unsynchronized sources		*
1 TTL input	*	
4 TTL inputs		*
4 TTL outputs		*
Horizontal and vertical drive outputs		*

Cables

	PXC200AL Cables	PXC200AF Cables
4 Composite cameras, Basic I/O	CB-009-00	CB-009-00
4 Composite cameras, Extended I/O	N/A	CB-020-00
4 S-video cameras, Basic	N/A	CB-008-00

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I/O		
4 S-video cameras, Extended I/O	N/A	CB-008-00

Basic I/O (PXC200-L) - Single trigger input
Extended I/O (PXC200-F, also referred to as the Option Package) - All I/O beyond single trigger input

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