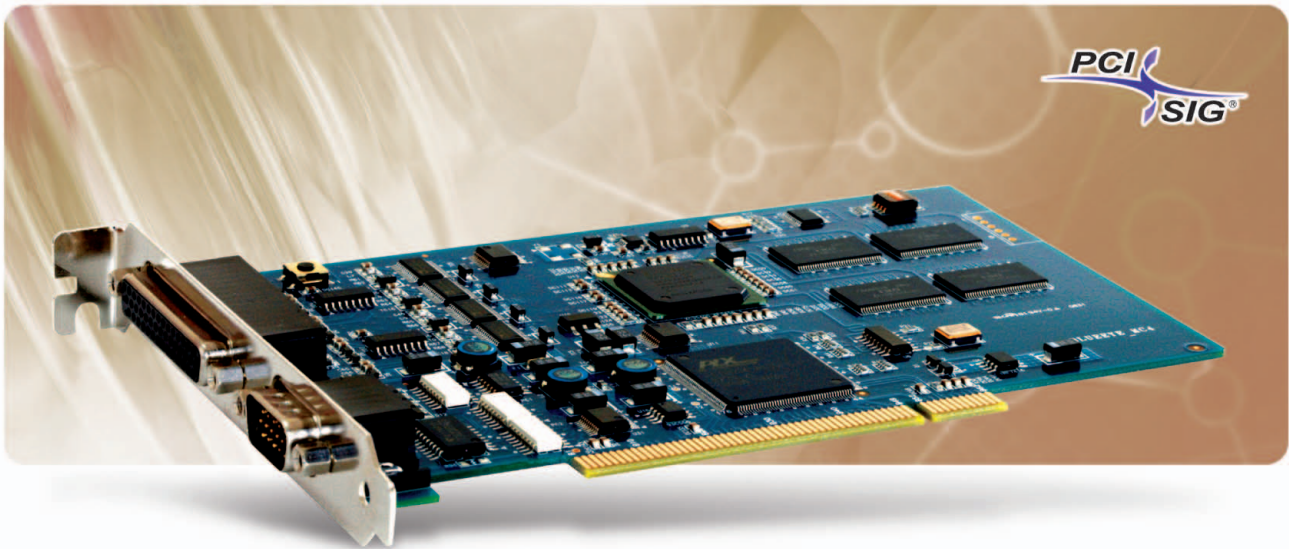


BlueEye-MC4 | *PCI Image Acquisition Board*



Low cost, High performance Analog acquisition board with 4 black & white Camera interfaces

Bus Interface

- PCI interface Version 2.2 compatible
- Up to 132MB/s Data transmission speed
- Supported on both 32-bit and 64-bit Platforms
- Bus mastering and Scatter - Gather DMA

Camera

- D-SUB 3R44P Female connector
- Four analog black & white cameras (max. 8)
- RS-170, CCIR
- Interlaced / Progressive scan camera
- Support External trigger mode

Acquisition

- Four channels Real-time Image capture
 - The Image output from each Cameras transferred to System memory of PC within a few hundred microseconds via 1.2MB FIFO Frame buffer per channel
- 640 x 480 ~ 1600 x 1200 Resolution
- Support H/W and S/W trigger mode

External I/O Control

- D-SUB 3R15P Male connector
- Four Opto-isolated Trigger ports
 - Trigger Signal Polarity & Delay control
 - Changeable to TTL trigger with option
- Eight Opto-isolated output ports
- Four Strobe control outputs for Illumination control
 - Strobe Signal Polarity & Delay control
 - TTL strobe with option

Dimensions and environment

- 170 mm L x 104 mm H [6.69" x 4.09"]
- Operating temperature range : 0 °C to 70 °C
- CE class B pending
- RoHS compliant

Miscellaneous

- 1.2MB FIFO Frame buffer per channel for faster streaming
- Easy Implementation with NEXL Library

