

Frame Grabber Supports Gigabit Ethernet Vision



Performing alignment, measurement, and identification in vision applications, ADLINK Technology's PCIe-GIE62 PCI Express frame grabber demonstrates support for Gigabit Ethernet Vision. The card uses the bandwidth of a PCI Express x4 lane for up to 1,000 Mbps image acquisition rates and 2 independent Gigabit Ethernet ports to connect to multiple Gigabit Ethernet Vision cameras. The grabber provides support for "Jumbo Frame" (larger 9 kB data packets over the 1.5 kB standard), cable distances of up to 100 m, and Windows XP/XP Embedded/Vista. The board offers 2 isolation digital inputs and outputs for connecting to external devices such as position sensors, and 2 isolation TTL level programmable trigger output pulses to manage trigger events such as strobe lighting.

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