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BASLER GIGE INTERFACE CARD PCIE

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AdLink GigE Interface Card PCIe GIE74 with PoE, 4 Ports



- GIE74 with PoE
- 4 independent Gigabit Ethernet ports
- Transfer speeds up to 1 Gigabit per second
- Data transfer for GigE Cameras

PRODUCT DESCRIPTION

The Basler GigE Interface Card PCIe is a high-performance network interface card designed to optimise data transmission between Basler GigE cameras and host PCs. Built on the PCI Express (PCIe) architecture, this interface card supports Gigabit Ethernet connectivity with high throughput and low latency, ensuring efficient transfer of high-resolution images in real-time applications. It features one or more dedicated RJ-45 Ethernet ports and is compliant with IEEE 802.3 standards, supporting Jumbo Frames and hardware timestamping for precise synchronisation in time-sensitive imaging systems. Additionally, the card includes support for link aggregation and advanced packet filtering, which helps maximise bandwidth utilisation and system reliability.
The Basler GigE Interface Card PCIe is commonly used in industrial automation, robotics, quality control, and medical imaging systems where stable, high-speed data transfer is essential. It ensures optimal performance for multi-camera setups and high-frame-rate imaging tasks, reducing CPU load compared to standard onboard Ethernet interfaces. By providing a dedicated communication path between camera and PC, this interface card enhances the reliability and consistency of machine vision systems, making it ideal for demanding inspection, tracking, and measurement applications.

TECHNICAL DATA

Accessory type	Card
Camera model	Basler Ace, Basler Ace 2, Basler MED, Basler Racer
User interface	GigE