GIE62+

2-CH Gigabit Ethernet Frame Grabber Supporting Power over Ethernet

Introduction

ADLINK's GIE62+ is a PCI Express® x4 lane, PoE (Power Over Ethernet) frame grabber which supports two independent Gigabit Ethernet ports for multiple Gigabit Ethernet Vision device connections with data transfer rates up to 1000 Mb/s, as found with most Gigabit Ethernet Vision cameras. The GIE62+ features a single cable solution through the combination of power and data lines, simplifying installation, lowering maintenancing, and reducing total cost of ownership.

PoE Technology

The PoE (Power over Ethernet) technology in the GIE62+ provides automatic detection for stable, and reliable connection between PoE or non-PoE cameras and frame grabbers.

Benefits of PoE

- Simplified installation
- Lowered maintenance
- Reduced total cost of ownership

Features

- **PCI Express® x4 compliant**
- **Supports two independent Gigabit Ethernet ports**
- **Supports PoE (Power over Ethernet), IEEE 802.3af compliant**
- **Supports jumbo frames (9 KByte)**
- **Supports Link aggregation**
- **Powered Device (PD) auto detection and classification**
- **Provides industrial screw lock connector**

Applications

- Machine vision inspection systems
- Scientific research instrumentations
- Medical research instrumentations
- Intelligent transportation systems

Software Support

Windows® Platform

- Available for Windows® Vista (32-bit)/XP

Ordering Information

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Specifications

Form Factor	PCI Express® x4
Ethernet Port	Two fully-integrated Gigabit Ethernet Media Access Control (MAC) and physical layer (PHY) ports.
	Power over Ethernet, IEEE 802.3af Compliant, support class 0, 1, 2, 3, and 4, and provides up to 15.4 watts
	9 kB jumbo frame support
Isolated Voltage	1000 V @ 60 seconds
Operating Environment	Temperature: 0°C to +55°C
	Humidity: 5% to 90% RHNC
Power Requirements	+12 V max @ 0.2 A, +3.3 V max @ 1.5 A
Dimensions	129.5 x 111.15 mm (W x L)