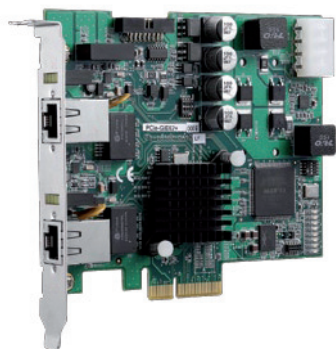


# GIE62+

## 2-CH PCI Express® Power over Ethernet Frame Grabber



### 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 GigE Vision device connections with data transfer rates up to 1000 Mb/s, as found with most GigE Vision cameras. The GIE62+ features a single cable solution through the combination of power and data lines, simplifying installation, lowering maintenance, 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
- 2 digital input/output and 2 trigger output (GIE62+ only)

### Applications

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

### Software Support

- Windows® Platform
  - Available for Windows® XP/Vista/7

### Ordering Information

- **GIE62+**  
2-CH PCI Express® power over Ethernet frame grabber with digital I/O and trigger I/O
- **PoE**  
2-CH PCI Express® power over Ethernet frame grabber without digital I/O and trigger I/O

### Specifications

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

\* Additional +12 V max @ 3 A for PoE camera