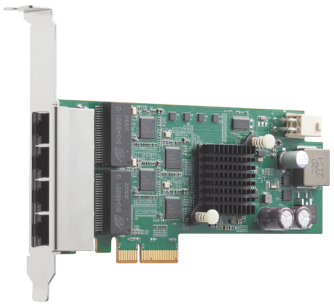
PCIe-GIE74V

4CH PCI Express® GigE Vision PoE Frame Grabbers



Features

- PCI Express® x4 compliant
- Support for 4 independent Gigabit Ethernet ports
- IEEE 802.3af for PoE (Power over Ethernet)
- PoE protection for enhanced asset protection
- Multiple cards, multiple cameras, in a single system
- Operating temperature range from 0°C to +55°C, supporting non-drop frame capture in extreme environments
- Up to 20/60W PoE power from PCIe bus/4-pin auxiliary power supply connector
- Powered Device (PD) auto detection and classification
- IEEE 1588 (PTP technology, hardware only)

Introduction

PCIe-GIE74V PCI Express® PoE frame grabber supports 4CH independent Gigabit Ethernet ports for multiple GigE Vision connections transferring up to 1 Gb/s per port. PoE provides up to 15.4W power and automatic detection for stable, reliable connections, reducing costs, simplifying installation, and easing maintenance burdens.

Multi-card Capture Capability

Any number of PCIe-GIE74V can be installed in a single system without occupying any I/O resources, for multicard single-system machine vision grabs.

Comprehensive PoE Protection Secures Assets

Exclusive comprehensive PoE Protection prevents overcurrent and overvoltage, avoiding equipment damage.

Software Support

- **OS Information**
  Windows® 7/10/11

Ordering Information

- **4-ch PCI Express®**
  - **PCIe-GIE74V** (PN : 91-18531-4000)
    Power over Ethernet frame grabber

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Specifications

Model	PCIe-GIE74V
Form Factor	PCI Express® x4
LAN Chip	Intel® I210-AT
Ethernet Port	4 fully-integrated Gigabit Ethernet Media Access Control (MAC) and physical layer (PHY) ports PoE (Power over Ethernet), IEEE 802.3af providing up to 15.4W 9 kB jumbo frame support
Functions	Link Aggregation, IEEE 1588 (PTP technology) Multiple cards and multiple cameras PoE Protection
Operating Environment	32W PoE: 0°C to +55°C (32°F to 131°F) 60W PoE: 0°C to +50°C (32°F to 122°F) Humidity: 5% to 90% RHNC
Power Requirements	+3.3V max @ 3A (1)(2)
Dimensions	167.6 mm x 64.9 mm (6.6” x 2.6”) (W x L)
Weight	115.7 g (0.255 lbs)

Note:
(1) Max 60W PoE power w/ 4-pin auxiliary power supply connector.
(2) Max 20W PoE power w/ PCIe slot only.

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