

CPoE-AT

4CH PCI Express® GigE Vision PoE+ Frame Grabbers



Features

- PCI Express® x4 compliant
- Support for 4 independent Gigabit Ethernet ports
- IEEE 802.3at for PoE+ (Power over Ethernet Plus)
- PoE protection for enhanced asset protection
- Multiple cards, multiple cameras, in a single system
- Up to 20/60W PoE power from PCIe bus/4-pin Molex connector
- Powered Device (PD) auto detection and classification
- IEEE 1588 (PTP technology, hardware only)

Introduction

CPoE-AT 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 30W power and automatic detection for stable, reliable connections, reducing costs, simplifying installation, and easing maintenance burdens.

Multi-card Capture Capability

Any number of PCIe-GIE7x series cards can be installed in a single system without occupying any I/O resources, for multichannel single-system machine vision grabs. Wide operating temperature range supports integration with fanless computer for IA applications in harsh environments.

Comprehensive PoE Protection Secures Assets

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

Software Support

- **OS Information**
Windows® 7/8.1/10

Ordering Information

- **4-ch PCI Express®**
 - CPoE-AT
Power over Ethernet Plus frame grabber

Specifications

Form Factor	PCI Express® x4
Ethernet Port	4 fully-integrated Gigabit Ethernet Media Access Control (MAC) and physical layer (PHY) ports. PoE+ (Power over Ethernet Plus), IEEE 802.3at compliant supporting 0, 1, 2, 3, and 4, providing up to 30W 9 kB jumbo frame support
Functions	Link Aggregation, IEEE 1588 (PTP technology) Multiple cards and multiple cameras PoE Protection
Operating Environment	CPoE-AT: 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 106.6 mm (6.6" x 4.2") (W x L)

Note:

(1) Max 61.6W PoE power w/ 4-pin (+12V@6A) Molex connector.

(2) Max 20W PoE power with PCIe slot (+12V@2.1A) only.