



GETCAMERAS

DATASHEET GRAB-D-PCIe4-GPOE-2X2X-V2

GigE Vision PoE+ Frame Grabbers with PoE Power Management & Protection.



Highlights

- PCI Express® x4 compliant
- Support for 2 independent Gigabit Ethernet ports
- IEEE 802.3at for PoE+ (Power over Ethernet Plus)
- PoE protection and automated power budget control for enhanced asset protection
- Easy-to-use utility and API provided for PoE power management
- Multiple cards, multiple cameras, in a single system
- Wide operating temperature range from 0 °C to +70 °C, supporting non-drop frame capture in extreme environments
- Up to 20/60/120W PoE power from PCIe bus/4-pin/6-pin Molex connector
- Powered Device (PD) auto detection and classification
- IEEE 1588 (PTP technology, hardware only)

Introduction

The GRAB-D-PCIe4-GPOE-2X2X-V2 frame grabber supports 2/4CH 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.

Technical Specifications

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|-----------------------|--|
| Ethernet Port | <ul style="list-style-type: none">• 2 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 | <ul style="list-style-type: none">• PoE Power Management• Link Aggregation, IEEE 1588 (PTP technology)• Multiple cards and multiple cameras• PoE Protection• PoE Power Management |
| Data Transfer Rate | <ul style="list-style-type: none">• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)• Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)• Gigabit: 2000Mbps (full duplex) |
| Operation Temperature | <ul style="list-style-type: none">• 60W PoE: 0 °C to +70 °C (32 °F to 150 °F) |
| Operation Humidity | <ul style="list-style-type: none">• 5% to 90% RHNC |
| Dimensions | <ul style="list-style-type: none">• 167.6 mm x 106.6 mm (6.6" x 4.2") (W x L) |
| Power | <ul style="list-style-type: none">• 3.3V max 2.5A |

Mechanical drawing

Not Available