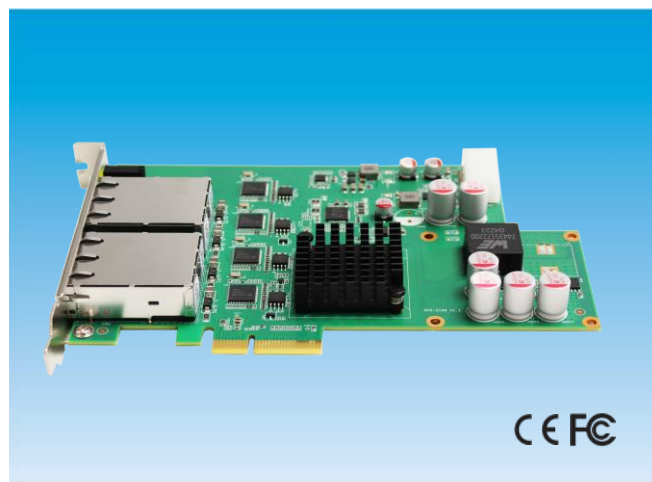


C100-100 Series

4-Channel PCI Express GigE Vision PoE/PoE+ Frame Grabber Supporting PoE Power Management and Protection



Features

- Compatible with PCI Express x4 Gen2
- Supports 4 independent Gigabit Ethernet interfaces
- Supports Time-Sensitive Networking (TSN)
- Supports IEEE 802.3af/at Ethernet Power over Ethernet (PoE)
- Multiple cards and cameras can be connected in a system.
- Automatic detection and classification of receiving equipment (PD)
- Operating temperature range of 0°C to +70°C, supports image capture without frame loss in extreme environments

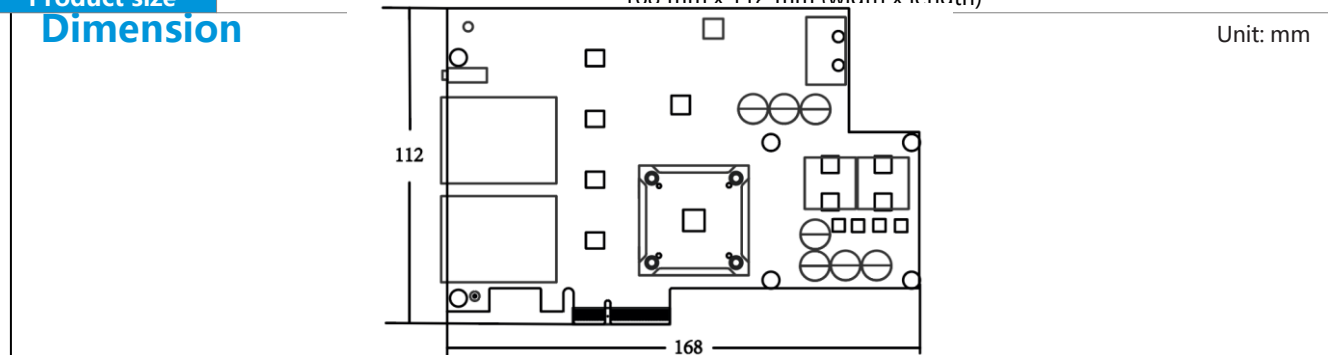
Introduction

- ◆ C100 Series PCIe PoE/PoE+ Image Acquisition Card, supports 4 independent gigabit Ethernet ports, can be used for multiple GigE Vision connections, with each port transmitting up to 1Gb/s.
- ◆ The C100 series PoE/PoE+ provides up to 30W of power and automatic detection, enabling stable and reliable connections, reducing costs, simplifying installation, and reducing maintenance burdens. Multiple image acquisition cards can be installed in a system without occupying any BIOS I/O resources. The unique integrated PoE protection design can provide overcurrent and overvoltage protection for the cards and cameras.
- ◆ Automatic power prediction control can automatically adjust PoE interface power supply to prevent equipment damage.
- ◆ Equipped with wide temperature operation and multi-card image capture functions, the C100 series can be integrated with fanless computers and deployed in space-limited application environments, making it widely applicable in scenarios such as AOI, medical, and industrial automation.

Specifications

Attribute Specifications	C100 series
Ethernet interface	PCI Express x4 Gen2 Four fully integrated gigabit Ethernet media access control (MAC) and physical layer (PHY) interfaces Ethernet Power over PoE, compatible with IEEE 802.3af/at
Chip	Intel i210
Function	Supports 9KB jumbo frame PoE power management Link aggregation, IEEE 1588 (Precision Time Protocol standard) Support for multi-card and multi-camera PoE Protection
Power requirements	Use a 4-pin power connector, max 100W PoE power supply (+12V@8A) Using PCIe slot, maximum 20W PoE power supply (+12V@2.1A)
Runtime environment	60W PoE: 0°C to +70°C (32°F to 150°F) Humidity: 5% to 90% relative humidity, non-condensing
System supports	Windows 7/8/10, Linux
Product size	168 mm x 112 mm (width x length)

Dimension



Order information

型号	描述
C100-100	4 Ports Card, intel i210, 1Gb/s per port, IEEE 802.3af ,PCIe2.0 x4 ,support TSN