



# LNG2004PT-POE

PCI-EXPRESS X4 QUAD PORT 802.3AT POE+ GIGABIT VISION FRAME GRABBER CARD (BASED ON INTEL I350)



## KEY FEATURES

- Quad Port 100/1000Mbps Industry Adapter
- PCI Express (PCIe) v2.1(2.5GT/s) x4 lanes
- Supports +12V DC AT/ATX input
- Powered Device (PD) auto detection and classification per PoE+ port
- Support 802.3at and IEEE 802.3af, two port delivers up to 30W of power, 95W total power budget
- 2.25KV Isolation protection on LAN ports and power
- Support WOL,PXE boot

## OVERVIEW

The LNG2004PT-POE is a kind of high-performance image capture card, independently researched and designed by LONGLINE. The cards supports 4 independent 10/100/1000BaseT(X) 802.3af & 802.3at (PoE) compliant Ethernet ports, With 12 VDC AT/ATX power input, the LNG2004PT-POE can boost then provides up to 25.5 watts at 48 VDC power to maximum 2 x PoE ports on each module.

It allows power to be supplied to connected devices, such as PoE-based Gigabit cameras in machine vision inspection systems, without the need to use separate PoE injectors for those applications. With its 2.25 KV isolation protection, and overload current/voltage protection on LAN ports, the LNG2004PT-POE is ideally designed for scientific and medical research Instrumentations, Machine Vision, Gigabit Ethernet surveillance IP cameras in intelligent transportation systems, which can also benefit from a scalable Gigabit backbone construction with Power-over-Ethernet support.

## SPECIFICATIONS

Controller	Intel I350
Transmission Rate Per Port	100/1000Mbps
Network Standard Physical Layer Interfaces	1000BASE-T:Cat 5e or higher up to 100m 100BASE-Tx:Cat5/5e/6 or higher up to 100m
Jumbo Frame Support	Up to 9 KB.
Operating Temperature	0°C to 55 °C (32 °F to 131 °F)
Boot Option and Virtualization	PXE support, Intel® VT-c
POE Output	Supports 2 PoE+ ports up to 25.5W +2 PoE+ ports up to 15.4W
LED Indicators	PoE:Green 1000Mbps/s: Yellow Link and Green Ack,100Mbps/s: Green Link and Green Ack,
Operating System Support	Windows Server 2003 / 2008 /2008 R2 / 2012 /2012 R2 /2016 R2 Windows XP / Vista / 7 / 8 / 8.1 / 10 Linux Stable Kernel version 2.4.x / 2.6.x / 3.x / 4.x or later Linux SLES 9 / 10 / 11 or later VMware ESX/ESXi 4.x/5.x/6.x or later

## ORDERING INFORMATION

Model	Description
LNG2004PT-POE	PCI-Express x4 Quad Port 802.3at PoE+ Gigabit Vision Frame Grabber Card Intel I350 Based (4*RJ45)
LNG5-1L Cable-3M/5M	Highly Flexible Cat.5e LAN cable, Single screw lock-type, 3M, 5M