PCIE-POE352AT/354AT GIGABIT ETHERNET FRAME GRABBER CARD

NUVO_PCIE-POE352
Gigabit Ethernet PoE+ card PCIe 2-port



- 2 or 4 port versions available
- 802.3at PoE+, up to 25,5W/port
- 2 GB/s total band width
- Per-port PoE+ power on/off control

PRODUCT DESCRIPTION

PCIe-PoE354at is world's first PoE frame grabber card combing server-grade GigE controller and 802.3at PoE+ capability. Inheriting Neousys' expertise on PoE technology, PCIe-PoE354at further implements the updated 802.3at-2009 standard and offers up to 25.5W of power each port.

PCIe-PoE354at is designed with state-of-the-art Intel® I350 Gigabit Ethernet controller. This server-grade GigE controller incorporates advanced features, such as checksum offloading, segmentation offloading and intelligent interrupt generation/moderation, to increase overall Ethernet performance and reduce CPU utilization. In addition, its single-bus, multi-port topology minimizes the compatibility issue with off-the-shelf motherboards when installing multiple cards.

Machine vision applications can be benefited by PCIe-PoE354at's server-grade network performance. Its 25.5W PoE+ can now power PTZ (pan-tilt-zoom) cameras for surveillance applications. PCIe-PoE354at presents the best cost/performance ratio for your Power over Ethernet solution.

	PCIe-PoE354at	PCIe-PoE352at
Bus Interface	x4, Gen2 PCI Express	x4, Gen2 PCI Express
Gigabit Ethernet Port	4x GigE ports by Intel® I350-AM4 controller, supporting 9.5 kB jumbo frame, teaming and IEEE 1588	2x GigE ports by Intel® I350-AM2 controller, supporting 9.5 kB jumbo frame, teaming and IEEE 1588
PoE Capability	In compliant with IEEE 802.3at-2009 (PoE+), each port delivers up to 25.5 W of power	In compliant with IEEE 802.3at-2009 (PoE+), each port delivers up to 25.5 W of power
Cable Requirement	CAT-5e or CAT-6 cable, 100 meters maximal	CAT-5e or CAT-6 cable, 100 meters maximal
Power Requirement	Maximal 1.2 A @ 3.3 V from PCI Express bus Maximal 9.6 A @ 12 V from PCI Express bus or on-board 4-pin power connector	Maximal 0.9 A @ 3.3 V from PCI Express bus Maximal 4.8 A @ 12 V from PCI Express bus
Operating Temperature	0°C ~ 55°C with air flow	0°C ~ 55°C with air flow
Dimension	167.7 mm (W) x 111.2 mm (H)	167.7 mm (W) x 111.2 mm (H)

SPECIFICATIONS

Height	111.2 mm
Temperature range from	0 °C
Temperature range to	55 °C
Width	167.7 mm