

UT-N704-POE

(Material name: 4-Port Gigabit 802.3at PoE+PCIe Server Adapter)

Datasheet

1.Brand and Manufacturer Information

- Brand : UTEK
- Manufacturer :
- Logo : 

2.Material model and version

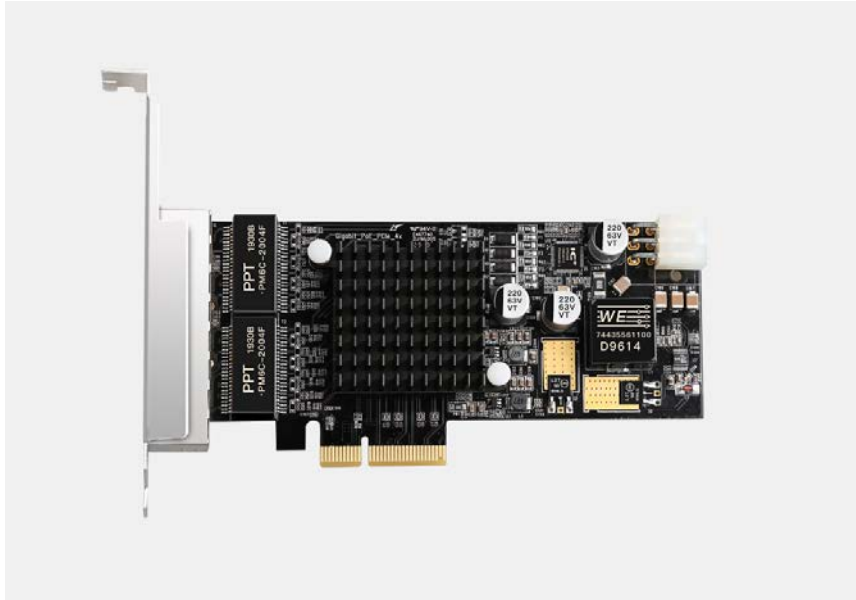
- Model : UT-N704-POE
- Version : VER1.0.1

3.Overview

This is a 4-Port Gigabit 802 .3at PoE+ PCI Express Server Adapter with a maximum of up to 70 watts of power output over Ethernet cables .Complied with PCI-E standard ,it can be installed on any IPC or server motherboard with PCI-E socket to make the IPC or server able to communicate other Ethernet devices and deliver power to PD devices .

Each port of the UT-N704-POE can deliver 30W of power and 1000 Mb/s bandwidth over a networking cable of up to 100 meters .Its 30W PoE+ can now power not only PTZ (pan, tilt and zoom) cameras for surveillance applications but also 802 .11ac AP for ultra-high-speed wireless application .

4. Picture



5. Main Features

- Intel® server-grade GbE Mac Controller
- PCI Express (PCIe) x4 interface, compliant with PCI Express 2.1 specification
- PXE network boot
- Fully compliant with IEEE 802.3, IEEE 802.3u, IEEE 802.3ab
- IEEE 802.3az Energy Efficient Ethernet (EEE)
- Provides installation flexibility for standard and low-profile computers, with a dual-profile design
- Supports 4 Gigabit Ethernet MAC Controller
- IEEE 802.3at compliant with up to 30W power per port
- 12V Mini-Fit 6-Pin power connector input
- Powered device (PD) auto detection and classification

- IEEE 802.1q VLAN ID tagged
- 9.5K jumbo frame size
- Complies with Microsoft and Linux platforms

6. Specifications

Hardware	Bus Type	PCI Express*4
	Card Type	Standard/Low Profile
	Chipset ID	Intel – I350 ICPlus – IP804
	Industry Standards	IEEE 802.3 10BASE-T, IEEE 802.3u 100BASE-TX, IEEE 802.3ab 1000BASE-T, IEEE 802.1Q VLANs, IEEE 802.3x Flow Control, IEEE 802.3af Power over Ethernet, IEEE 802.3at Power over Ethernet Plus
	Interface	4*RJ45
	Power Supply	12V Mini-Fit 6Pin Power supply
	Single PoE Output	30 watts max
Power over Ethernet	PoE Standard	IEEE 802.3at
	PoE Power Supply Type	End-span
	PoE Power Supply Type	Per port up to 52V DC, max. 30 watts
	Power Pin Assignment	1/2 (+), 3/6 (-)
	PoE Power Budget	70W maximum with Mini-Fit 6Pin power connector
	Maximum number of PDs	4
Software	OS Compatibility	Windows® 7、8.x、10、11 Windows Server® 2008 R2、2012、2016 Linux 2.6.x 到 4.x
Special Notes / Requirements	Note	The maximum throughput of this card is limited by the bus interface. If used with PCI Express Gen 1.0 enabled computers, the max throughput is 2.5 Gbps. If used with PCI Express Gen 2.0 enabled computers, the max throughput is 5 Gbps.
	System and Cable Requirements	PCI Express enabled computer with an available PCI Express x4 slot or higher (x8, x16) Mini-Fit 6-Pin power connector (Necessary)
Indicators	LED Indicators	4 – Link/Act (Amber) 4 – PoE Link (Green)
Environmental	Humidity	20~80% RH
	Operating Temperature	5°C to 50°C (41°F to 122°F)

	Storage Temperature	-25°C to 70°C (- 13°F to 158°F)
Physical Characteristics	Product Height	120 mm
	Product Length	163 mm
	Product Weight	113 g
	Product Width	22 mm
List of attachments	Included in Package	1-4-Port Gigabit PoE+ PCIe Server Adapter 1 - Driver CD