Gigabit 5-port Industrial Ethernet POE Switch

UT-N60N05GP

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UTEK TECHNOLOGY

- Adopt high quality optoelectronic integrated modules to provide good optical and electrical characteristics
- Ensure reliable data transmission and long lifecycle
- Support full-duplex or half-duplex mode with auto-negotiation capability
- Network port supports fully automatic cross-identification
- Storage and forwarding mechanism is built-in and supports multiple protocols
- Compliant with industrial-grade operation standards, with an average trouble-free operation of more than 300,000 hours
- Working power supply: DC 48-57V with reverse connection protection
- Lightning surge protection (power supply): 5000A (8/20 μ s)
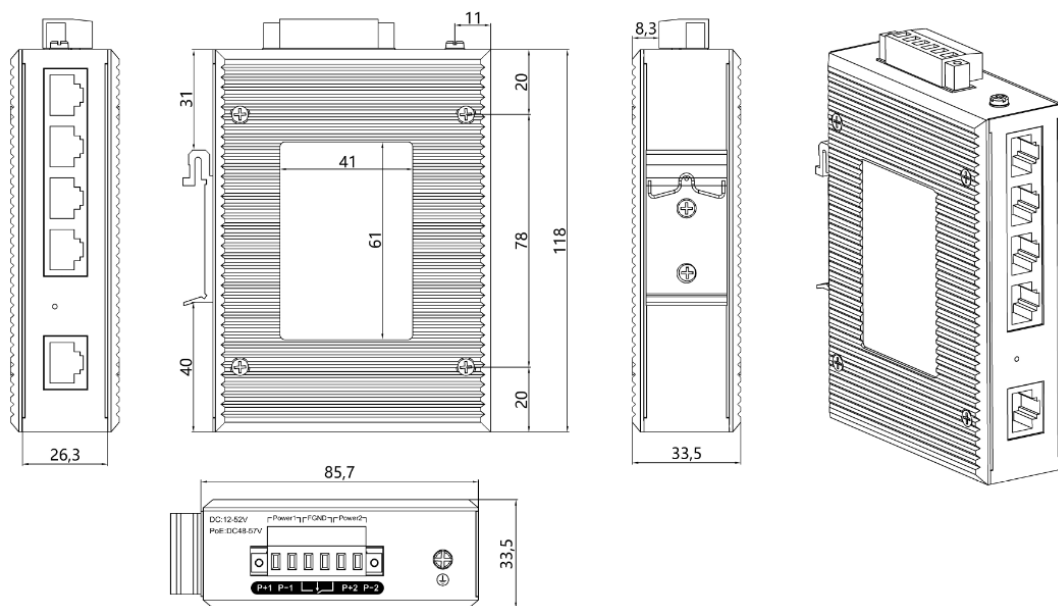
OVERVIEW

1 Gigabit uplink + 4 Gigabit downlink industrial Ethernet POE switch, supporting 1 10/100/1000Base-TX uplink and 4 100Base-T/1000Base-TX downlink POE ports. The UT-N60N05GP switch has an operating temperature range of -40℃ to 80℃. It is super rugged and can adapt to various harsh environments and can be easily placed in compact control boxes. The rail mounting features, wide temperature operation, IP40 rated housing and LED indicators make the UT-N60N05GP a plug-and-play industrial grade device that provides a reliable and convenient solution for networking Ethernet devices.

SPECIFICATION

Item	UT-CG1005PM
Product Name	Gigabit 5-port Industrial Ethernet POE Switch
Hardware Specification	
Interface	
RJ45 port	5*RJ45, 10/100/1000BaseT(X) auto-detection, full/half duplex MDI/MDI-X
PIN	V+ ,V+, V-,V- correspond to pin 1,2,3,6 (default)
LED Indicator Light	
LED indicator light	Power indicator: PWR Interface Indicator : Electric Port (Link)
Switching Performance	
Forwarding rate	10.5Mpps
Transmission mode	Store-and-Forward
MAC address	2K
Buffer size	1.2Mbit
Backplane bandwidth	14G
Switching latency	<10μs
Power Requirement	
Input voltage	48 to 57V DC
Power consumption	<3W
Operating Environment	
Operating temperature	-40 ~ 80°C
Operating humidity	5 ~ 95%

Storage temperature	-40 ~ 80°C
Storage humidity	5 ~ 95% (no condensing)
Mechanical Characteristic	
Housing	IP40 protection level, metal housing
Dimension	118 x 85.7 x 33.5 mm (W x D x H)
Weight	360g
Installation method	DIN rail/ wall-mounted
Ethernet Standard	
Standard	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;IEEE802.3u;100Base-TX/FX; IEEE802.3ab1000Base-T;IEEE802.3z 1000Base-X;IEEE802.3x; IEEE802.3af; IEEE802.3at;
POE Standard	Standard PoE : IEEE802.3af/ IEEE802.3at PoE port : 1-4 ports support PoE Output Power : Max. power 15.4W (IEEE 802.3af) Max. power 30W (IEEE 802.3at) POE port auto recognition af/at
Industry Standard	EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A EMS : IEC(EN)61000-4-2(ESD) : ±8kV contact discharge, ±12kV air discharge IEC(EN)61000-4-3(RS) : 10V/m(80~1000MHz) IEC(EN)61000-4-4(EFT) : Power line: ±2kV ; Data line: ±1kV IEC(EN)61000-4-5(Surge) : Network port : ±2kV CM//±1kV DM ; IEC(EN)61000-4-6(RF conduction) : 3V(10kHz~150kHz),10V(150kHz~80MHz) IEC(EN)61000-4-16(Common mode conduction) : 30V cont. 300V,1s IEC(EN)61000-4-8 Shock : IEC 60068-2-27 Freefall : IEC 60068-2-32 Vibration : IEC 60068-2-6

Dimension

ORDERING

Model	Description
UT-N60N05GP	5-port Gigabit Ethernet POE-powered switch, DIN-rail, DC48-57V power supply - Wide temperature (-40℃-85℃) - CE-RoHS-FCC - Ministry of Public Security inspection report - MIIT network access license