

Gigabit 10-port Industrial Ethernet POE Switch



UT-N60N28GP-SFP



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- 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 μs)



OVERVIEW

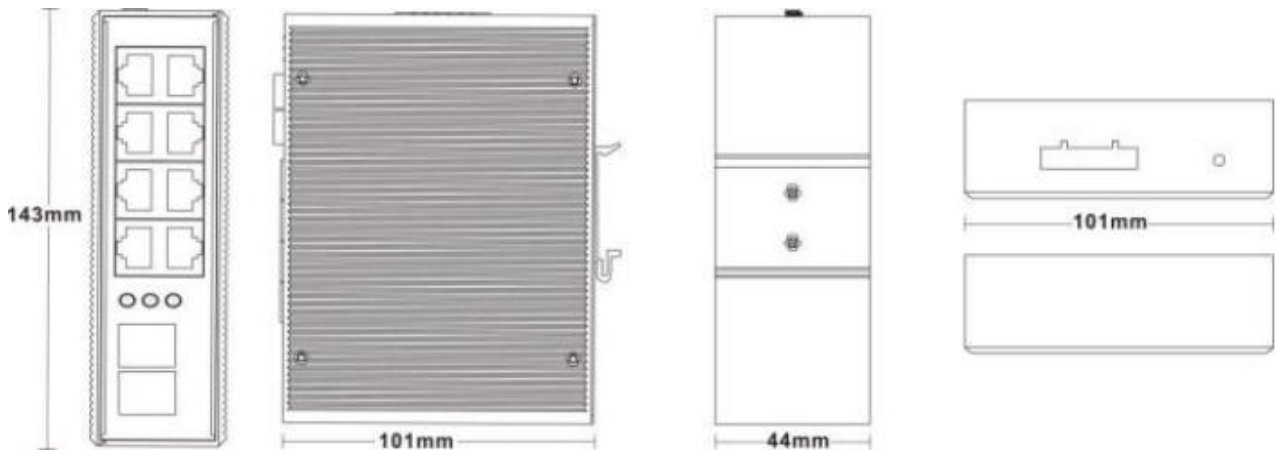
UT-N60N28GP-SFP switch is an industrial Ethernet POE switch with 8 Gigabit POE ports + 2 Gigabit FX ports, supporting 8 10/100/1000Base-TX electrical ports and 2 1000Base-X ports. UT-N60N28GP-SFP switch has the operating temperature from -40°C to 80°C, and it has super ruggedness to adapt to various harsh environments, and it can also be easily placed in compact control boxes. The rail mounting features, wide temperature operation, IP40 rated housing and LED indicators make the UT-N60N28GP-SFP a plug-and-play industrial grade device that provides a reliable and convenient solution for networking Ethernet devices.

SPECIFICATION

Item	UT-N60N28GP-SFP
Product Name	Gigabit 10-port Industrial Ethernet POE Switch
Hardware Specification	
Interface	
Interface description	8 RJ45 interfaces + 2 optical interfaces
RJ45 port	Auto-100/1000, 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, optical port (Link/ACT)
Switching Performance	
Forwarding rate	15Mpps
Transmission mode	Store-and-Forward
MAC address	8K
Buffer size	2Mbit
Backplane bandwidth	20G
Switching latency	<10μs
Power Requirement	
Input voltage	DC48 ~ 57V Dual power redundancy backup
Access terminal	Phoenix terminal
Power consumption	<8W
	Support dual power redundancy

	Support built-in overcurrent 4.0A protection
	Support reverse connection protection
Operating Environment	
Operating temperature	-40 ~ 80°C
Operating humidity	5 ~ 95%
Storage temperature	-40 ~ 85°C
Storage humidity	5 ~ 95% (no condensing)
Mechanical Characteristic	
Housing	IP40 protection level, metal housing
Dimension	143.7 x103 x 44.2mm (W x D x H)
Weight	640g
Installation method	DIN rail/ wall-mounted
Ethernet Standard	
Standard	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX/FX; IEEE802.3ab 1000Base-T; IEEE802.3z 1000Base-X; IEEE802.3x; IEEE802.3af; IEEE802.3a
POE Standard	Standard PoE : IEEE802.3af/ IEEE802.3at PoE ports: 1-8 ports support PoE Output Power : Max. power 15.4W (IEEE 802.3af) Max. power 30W (IEEE 802.3at) POE ports automatically recognize 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) : 1 0V/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-N60N28GP-SFP	2 Gigabit optical + 8 Gigabit electrical, SFP interface (without optical module), with POE function, DIN-rail, DC48-57V power supply - wide temperature (-40°C-85°C) - CE-RoHS-FCC - Ministry of Public Security inspection report - Ministry of Industry and Information Technology network access license