Unmanaged 18-port Industrial Ethernet Switch

UT-N60N216G-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 12-52V with reverse connection protection
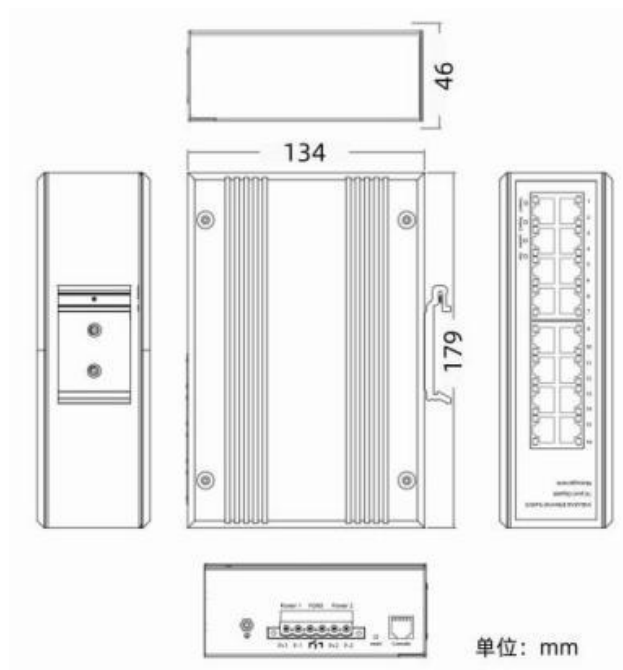- Lightning surge protection (power supply): 5000A (8/20 µs)

OVERVIEW

UT-N60N216G-SFP switch is an industrial Ethernet switch with 16 Gigabit electrical ports and 2 Gigabit optical ports, supporting 16 10Base-T/100Base-T/1000Base-TX electrical ports and 2 1000Base-X ports. The UT-N60N216G-SFP switch has a operating temperature range of -40 ~ 80°C, and is extremely rugged for 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-N60N216G-SFP a plug-and-play industrial grade device that provides a reliable and convenient solution for networking Ethernet devices.

SPECIFICATION

Item	UT-N60N216G-SFP
Product Name	Unmanaged Gigabit 18-port Industrial Ethernet Switch
Hardware Specification	
Interface	
Interface description	16 gigabit electrical ports + 2 gigabit optical ports
RJ45 port	10/100/1000BaseT(X) auto-detection,full/half duplex MDI/MDI-X adaptive
Fiber optic port	1000BaseFX port (SFP interface)
LED Indicator Light	
LED indicator light	Power indicator: PWR Interface indicator: Electric port (Link)
Switching Performance	
Forwarding rate	42Mpps
Transmission mode	Store-and-Forward
MAC address	8K
Buffer size	4.1Mbit
Backplane bandwidth	56G
Switching latency	<10µs
Power Requirement	
Input voltage	DC15 ~ 52V Dual power redundancy backup
Access terminal	Phoenix terminal
Power consumption	<10W

	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	179 x 134 x 46 mm　(W x D x H)
Weight	650g
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; IEEE802.3z1000Base-X; IEEE802.3x;
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) : Power line : ±2kV CM/±1kV DM ; Data line : ±2kV IEC(EN)61000-4-6(RF conductivity) : 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-N60N216G-SFP	16-port 10/100/1000BASE-TX +2G SFP Industrial Ethernet Switch