

8-port 10/100/1000BASE-TX+2G SFP Managed Industrial Switch



UT-N6228GS-M-SFP



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- Support IGMP Snooping
- Support Port-based VLAN port, IEEE 802.1Q VLAN, easy network planning
- Support QoS (IEEE 802.1p/1Q) and TOS/DiffServ to increase network stability
- Support STP/RSTP/MSTP/ERPS, SNMPv1/v2c/v3 to ensure network security
- Adopt RMON to enhance network monitoring machine prediction capability
- Support port mirroring function for online debugging
- Support port speed limit, broadcast storm suppression, multicast storm suppression, unknown unicast storm suppression
- Security management: support ACL access control list, support 802.1X
- Management function: support WEB, CLI, SNMP management mode
- Monitoring and maintenance: support port mirroring, interface status monitoring, log management
- Support Bypass function (optional)



OVERVIEW

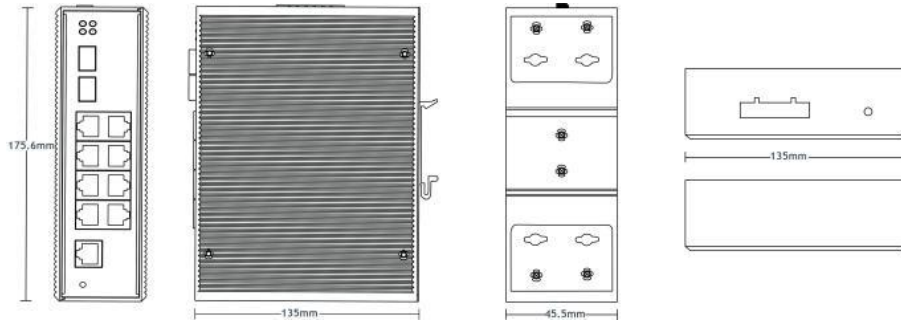
UT-N6228GS-M-SFP is a managed industrial Ethernet switch that complies with CE, FCC, and RoHS standards. It supports 2 Gigabit optical ports and 8 Gigabit electrical ports; supports Ethernet Layer 2 protocols required by industrial sites to ensure the stability of communication networks; this series of switches adopts low power consumption and fanless design to ensure no noise interference, and supports -40~80°C operating temperature and good EMC electromagnetic compatibility performance to ensure stable operation in harsh industrial environments, providing safe and reliable solutions for factory automation, intelligent transportation, video surveillance and other industrial applications to build fast and stable network terminal access networks. It provides a safe and reliable solution for factory automation, intelligent transportation, video surveillance and other industrial applications to build a fast and stable network terminal access network.

SPECIFICATION

Item	UT-N6228GS-M-SFP
Product Name	Managed 10-port Industrial Ethernet Switch
Hardware Specification	
Interface	
Interface description	8 RJ45 ports + 2 fiber optic ports
RJ45 port	10/100/1000M auto-detection, full/half duplex MDI/MDI-X adaptive
Fiber optic interface	1000BaseFX port (SFP slot)
LED Indicator Light	
LED indicator light	Power indicator: PWR Interface indicator: electrical port, optical port (Link/ACT)
Switching Performance	
Forwarding rate	28.3Mpps

Transmission mode	Store-and-Forward
MAC address	8K
Buffer size	12Mbit
Backplane bandwidth	38G
Switching latency	<10 μ s
Power Requirement	
Input voltage	DC12 ~ 52V (dual power supply redundancy backup)
Power consumption	<5W
Access terminal	Phoenix terminal
	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 ~ 80°C
Storage humidity	5 ~ 95% (no condensing)
Mechanical Characteristic	
Housing	IP40 protection level, metal housing
Dimension	143.7*104*47.7mm (W x D x H)
Weight	820g
Installation method	DIN rail/ wall-mounted
Ethernet Standard	
Standard	IEEE802.3-10BaseT, IEEE802.3u-100BaseTX/100Base-FX, IEEE802.3x-Flow Control, IEEE802.3z-1000BaseLX, IEEE802.3ab-1000BaseTX, IEEE802.1ab Logical Link Discovery Protocol, IEEE802.1D-Spanning Tree Protocol, IEEE802.1w-Rapid Spanning Tree Protocol, IEEE802.1Q -VLAN Tagging, IEEE802.1p -Class of Service IEEE802.1X-Port Based Network Access Control, etc.
Industry Standard	EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A EMC : IEC(EN)61000-4-2(ESD) : \pm 8kV contact discharge, \pm 12kV air discharge IEC(EN)61000-4-3(RS) : 10V/m(80~1000MHz) IEC(EN)61000-4-4(EFT) : Network port : \pm 2kV CM// \pm 1kV DM ; IEC(EN)61000-4-5(Surge) : Network port : \pm 2kV CM// \pm 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-N6224GS-M-SFP	8-port 10/100/1000BASE-TX+2G SFP Managed Industrial Switch