Managed 10-port Industrial Ethernet Switch

UT-N6228GFS-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
- Built-in store-and-forward mechanism, supports multiple protocols
- Support Port-based VLAN for easy network planning
- Support STP/RSTP to ensure network security
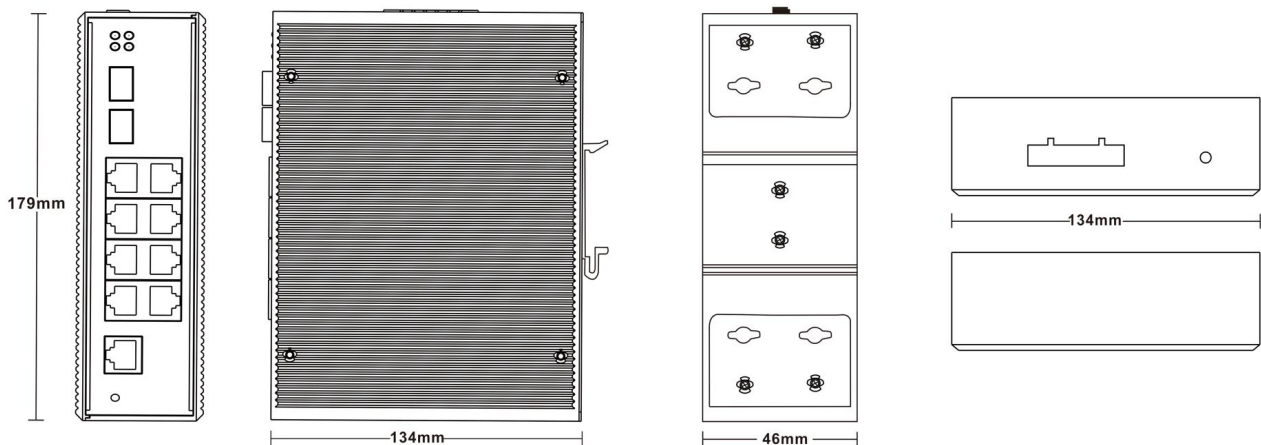- Management function: support WEB management mode

OVERVIEW

UT-N6228GFS-SFP is a managed industrial Ethernet switch with FCC, CE and ROHS compliance. It supports 2 Gigabit optical ports and 8 100M electrical ports, and supports Ethernet Layer 2 protocols required in 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 also supports -40~80°C operating temperature and good EMC performance to ensure stable work in harsh industrial environments, providing a safe and reliable solution 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-N6228GFS-SFP
Product Name	Managed 10-port Industrial Ethernet Switch
Hardware Specification	
Interface	
Interface description	8 RJ45 ports + 2 fiber optic ports
RJ45 port	10/100M auto-detection, full/half duplex MDI/MDI-X adaptive
Fiber port	1000BaseFX port (SFP slot)
LED Indicator Light	
LED indicator light	Power indicator: PWR Interface indicator: Electric port, optical port (Link/ACT)
Switching Performance	
Forwarding rate	6.6Mpps
Transmission mode	Store-and-Forward
MAC address	4K
Buffer size	2.75Mbit
Backplane bandwidth	8.8G
Switching latency	<10μs
Power Requirement	
Input voltage	DC12 ~ 52V 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	179 x134 x 46mm (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, IEEE802.1D- Spanning Tree Protocoll, IEEE802.1w-Rapid Spanning Tree Protocoll, IEEE802.1Q-VLAN, IEEE802.1Q -VLAN Tagging, IEEE802.1p -Class of Service, etc.
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) : Network port : ±4kV CM//±2kV DM ; IEC(EN)61000-4-5(Surge) : Network port : ±4kV CM//±2kV 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-N6228GFS-SFP	8-port 10/100BASE-TX+2G SFP Managed Industrial Switch