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

UT-N6228GSP-M-SFP

UTEK TECHNOLOGY (SHENZHEN) CO., LTD.

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UTEK TECHNOLOGY

- Provides 8-port 10/100BASE-TX RJ45 PoE +2G SFP delivered in an IP40 rugged, strong case with redundant power system.Ensure reliable data transmission and long lifecycle

- 48V to 57V DC, redundant power input

- -40℃ to 80℃ operating temperature

- IP40 metal case

- Supports 6KV DC Ethernet ESD protection

- Supports 6KV DC EFT protection for power line

- Free Fall, Shock and Vibration Stability

- DIN-rail design

- L2 management

  Support STP/RSTP/MSTP

  Web management, CLI

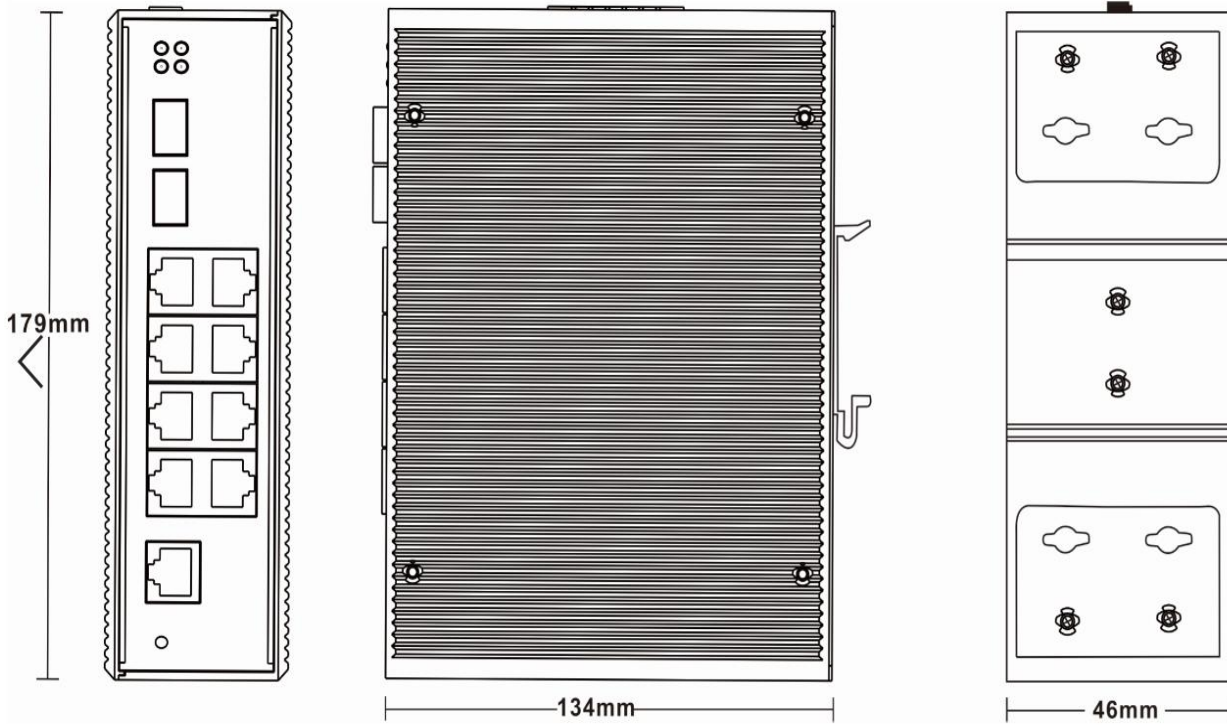 IGMP snooping, QOS,VLAN,SNMP

OVERVIEW

UT-N6228GSP-M-SFP is an hardened 10-port Industrial PoE Switch, provides non-blocking wire-speed performance in harsh industrial environment. It also provides 8-port 10/100BASE-TX RJ45 PoE +2G SFP delivered in an IP40 rugged, strong case with redundant power system. Its slim case is suitable for such applications as surveillance system deployments, control management and wireless service in climatically demanding environments with wide temperature range from -40℃ to 80℃. It provides the flexibility to all kinds of 10/100Mbps Ethernet Media on RJ-45 port and performs highly stable fiber performance.It is packaged in a compact IP40 case that allows either DIN rail or panel mounting to have efficient usage of cabinet space. It provides an integrated power supply with a wide range of voltages for worldwide operation. It also offers dual-redundant, reversible polarity 48V DC to 57V DC power supply inputs for high availability applications requiring dual or backup power inputs.

SPECIFICATION

Item	UT-N6228GSP-M-SFP
Product Name	Managed 8-port Industrial PoE Switch
Hardware Specification	
Interface	
Interface description	8 Gigabit electrical ports + 2 Gigabit optical ports
RJ45 port	10/100/1000BaseT(X) auto-detection, 8-Port auto-MDI / MDI-X
Fiber port	1000BaseFX port (SC/FC/ST/SFP optional)
LED Indicator Light	
LED indicator light	Power: Red Fiber: Link 2(Green) Ethernet: Yellow
Switching Performance	
Forwarding rate	28.3Mpps
MAC address	8K
Packet Forwarding Rate	12Mbit

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Backplane bandwidth	38Gbps
Power Requirement	
Input voltage	DC 48V to 57V, redundant power input
Out put voltage	DC48V
Power Output	Max. 15.4 watts (IEEE 802.3af)
	Max. 30 watts (IEEE 802.3at)
Power Pin Assignment:	1/2+;3/6-
Power consumption	<10W
Power Type	End-span(Mid-span optional)
Protection	ESD (Ethernet): 6KV DC
	Surge (Power): 6KV DC
Operating Environment	
Operating temperature	-40 ~ 80°C
Operating humidity	5 ~ 95%
Storage temperature	-40 ~ 80°C
Storage humidity	5 ~ 95% (no condensing)
Mechanical Characteristic	
Dimension	179 x134 x 46mm (W x D x H)
Weight	Product Weight: 0.82KG
	Packing Weight: 0.92KG
Installation method	DIN rail
Ethernet Standard	
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at
	PoE ports:1-8 port support PoE
Maximum Frame Size	10240bytes packet size
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 slim type metal case
MTBF	>300,000hours
Network Protocols	IEEE802.3 10BASE-T;
	IEEE802.3i 10Base-T;
	IEEE802.3u;100Base-TX/FX;
	IEEE802.3ab 1000Base-T;
	IEEE802.3z 1000Base-X;
	IEEE802.3x;
Network cables	10BASE-T: Cat3,4,5 UTP(≤100 meter)
	100BASE-TX: Cat5 or later UTP(≤10meter)
	1000BASE-TX: Cat6 or later UTP(≤100 meter)
Industry Standard	FCC CFR47 Part 15,EN55022/CISPR22, Class A
	IEC61000-4-2 (ESD): ±8kV (contact), ±12kV (air)
	IEC61000-4-3 (RS): 10V/m (80~1000MHz)
	IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV
	IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV
	IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz)
	IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s)

Dimension

179mm

134mm

46mm

ORDERING

Model	Description
UT-N6228GSP-M-SFP	8-port 10/100/1000BASE-TX+2G SFP Managed Industrial PoE Switch