Model: UT-N6228GFSP-SFP

(Product Name: 8-Port 10/100BASE-TX+2G SFP Web-managed Industrial PoE

Switch Router)

Datasheet

UTEK TECHNOLOGY (SHENZHEN) CO., LTD.

Add: Room 1001, Building 7, Skyworth Innovation Valley, No. 8, Tangtou No.1 Road, Shiyan Old Street, Bao 'an District, Shenzhen

Tel: +86-755-81202008

Fax: +86-755-27886083

Http: www.uotek.com

1. Overview

Slim Type with more Practicability and Convenience

UT-N6228GFSP-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 85℃.s a DTU device based on Qualcomm MDM9X07 platform. Support 4G full Netcom, support Wi-Fi AP function, provide 10M/100M/1000M adaptive Ethernet interface, default IP address is automatically assigned, after plugging in the network cable, the PC can use the 4G network function brought by this device. The device provides RS232/485 interface, which can be used for DTU transparent data transmission. UT-N6228GFSP-SFP provides a web configuration interface, which supports switching between Chinese and English. Users can flexibly set the operating parameters of UT-N6228GFSP-SFP equipment. With industrial-grade high-standard and certain anti-interference and anti-surge capabilities design, it is widely used in various fields, such as industrial control, data communication systems and industrial automation.

2. Technical parameters

Interface

- 8-port 10/100Base-Tx RJ-45 with auto negotiation and auto-MDI/ MDI-X function, supplying 30W PoE, compatible with 802.3AT/AF

- 2G SFP

Industrial conformance

- 48V to 57V DC, redundant power input

- -40℃ to 85℃ operating temperature

- IP40 aluminum housing

- Supports 6KV DC Ethernet ESD protection

- Supports 6KV DC EFT protection for power line

- Free Fall, Shock and Vibration Stability

- DIN-rail design

IP40 aluminum housing

- Support STP/RSTP,Vlan

- Web management

- Antenna impedance: 50 ohms (2M long suction cup antenna)

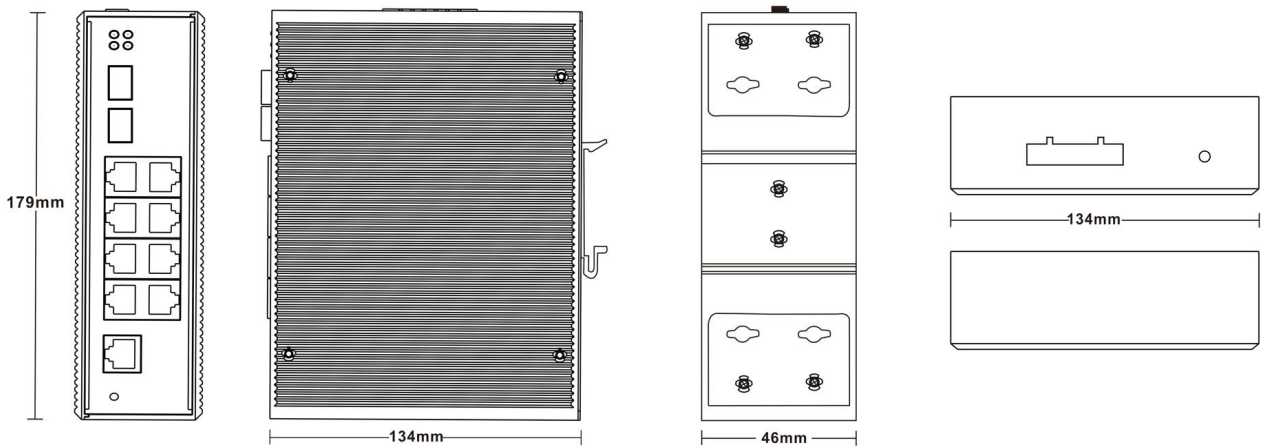- Electrostatic protection: air 8kV, contact 6kV

- Electrical fast transient burst: 2kV

- Surge protection: power port: 1.2/50us common mode 2kV, differential mode 1kV network port: 10/700us common mode 2kV, differential mode 1kV serial port: 600W

3. Specifications

Model No.	UT-N6228GFSP-SFP
10/100Base-TX Port	8-Port RJ-45 auto-MDI / MDI-X
PoE Specification	PoE Standard: IEEE802.3af/ IEEE802.3at
	PoE ports: Port 1-8
	Power Output:
	Max. 15.4 watts (IEEE 802.3af)
	Max. 30 watts (IEEE 802.3at)
	PoE port Auto detect AF/AT devices
	Output Voltage: DC48V
	Power Pin Assignment:1/2+;3/6-
	Power Type: End-span(Mid-span optional)
1000Base-FX Port	2 SFP Slot
Performance Specification	Bandwidth: 8.8Gbps
	Packet Buffer Memory: 2.75Mbit
	Packet Forwarding Rate: 6.6Mpps
	MAC Address Table: 4K
Installation	DIN rail
Flow Control	Back pressure for half duplex, IEEE 802.3x pause frame for full duplex
Enclosure	IP40 aluminum housing
LED Indicator	Power: Red
	Fiber: Link 2(Green)
	Ethernet: Yellow
Power Input	48 to 57V DC redundant power
Power Consumption	< 10W
Surge protection	±4KV
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)
Certificate	CE FCC Rohs compliance
MTBF	>300,000hours
Dimensions (W x D x H)	179*46*134mm
Weight	Product Weight: 0.88KG Packing Weight: 1KG
Working Environment	Working temperature: -40～85℃ ; Storage temperature: -40～85℃ Relative Humidity: 5%~95 %(no condensation)
Warranty	1-year replacement with new item; 3-years for main parts.

4. Dimensions

5. Ordering Information

UT-N6228GFSP-SFP	8-port 10/100BASE-TX+2G SFP Managed Industrial PoE Switch	
Power supply	YH54825-DC	DC 48V/2.5A,120W suitable for PoE 1-8 port
(optional)	YH55223-DC	DC 52V/2.3A,120W suitable for PoE 1-8 port