

## Managed 12-port Industrial Ethernet POE Switch



### UT-N6248GSP-M-SFP



### UTEK TECHNOLOGY (SHENZHEN) CO., LTD.

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

Tel: +86-755-81202008

Fax: +86-755-27886083

Http: [www.uotek.com](http://www.uotek.com)





- 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
- Support SNMPv1/v2c/v3, RMON to enhance the prediction capability of network monitor
- 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: interface status monitoring, log management
- Support Bypass function (optional)
- IP40 protection level monitoring, log management
- Support Bypass function (optional)



## OVERVIEW

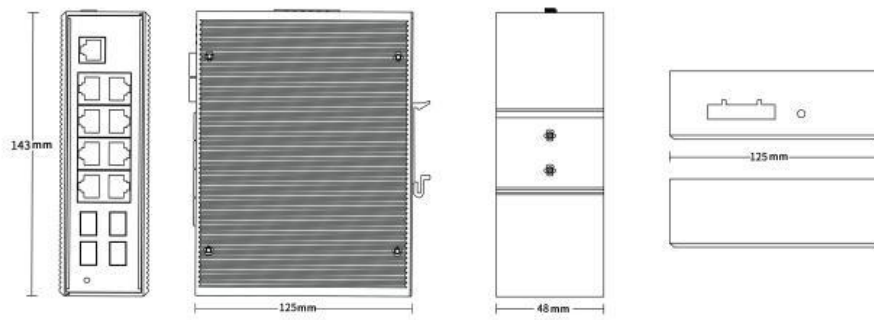
UT-N6248GSP-M-SFP is a managed industrial POE switch, the product complies with CE, FCC, RoHS standards, supports 4 gigabit optical ports and 8 POE gigabit electrical ports; supports Ethernet Layer 2 protocols required by industrial sites, to ensure the stability of the communication network; this series of switches adopts low power consumption, fanless design to ensure no noise interference, and supports -40~80°C operating temperature and good EMC electromagnetic compatibility performance to ensure that it can be maintained in harsh industrial environments. Stable work, providing safe and reliable solutions for the establishment of fast and stable network terminal access networks in industrial application fields such as factory automation, intelligent transportation, and video surveillance.

## SPECIFICATION

Item	UT-N6248GSP-M-SFP
Product Name	Managed 6-port Industrial Ethernet POE Switch
<b>Hardware Specification</b>	
<b>Interface</b>	
Interface description	8 RJ45 POE ports + 4 fiber optic ports (1-8 ports support POE output)
RJ45 port	10/100/1000M auto-detection, full/half duplex MDI/MDI-X adaptive Support IEEE802.3af/at (maximum POE power 30W for ports)
Fiber optic interface	1000BaseFX port (SFP slot), Auto-100/1000M
<b>LED Indicator Light</b>	
LED indicator light	Power indicator: PWR Interface indicator: electrical port, optical port (Link/ACT)
<b>Switching Performance</b>	
Forwarding rate	41.6Mpps
Transmission mode	Store-and-Forward
MAC address	8K

Buffer size	12Mbit
Backplane bandwidth	56G
Switching latency	<10 $\mu$ s
<b>Power Requirement</b>	
Input voltage	DC48-57V (dual power supply redundancy backup)
Power consumption	<20W
Access terminal	Phoenix terminal
	Support dual power redundancy
	Support built-in overcurrent 4.0A protection
	Support reverse connection protection
<b>Operating Environment</b>	
Operating temperature	-40 ~ 80°C
Operating humidity	5 ~ 95%
Storage temperature	-40 ~ 80°C
Storage humidity	5 ~ 95% (no condensing)
<b>Mechanical Characteristic</b>	
Housing	IP40 protection level, metal housing
Dimension	143*125*48mm (W x D x H)
Weight	1250g
Installation method	DIN rail/ wall-mounted
<b>Ethernet Standard</b>	
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-N6248GSP-M-SFP	8-port 10/100/1000BASE-TX+4G SFP Managed Industrial PoE Switch