

## Managed 20-port Industrial Ethernet POE Switch



**UT-N6216GSP-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 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



## OVERVIEW

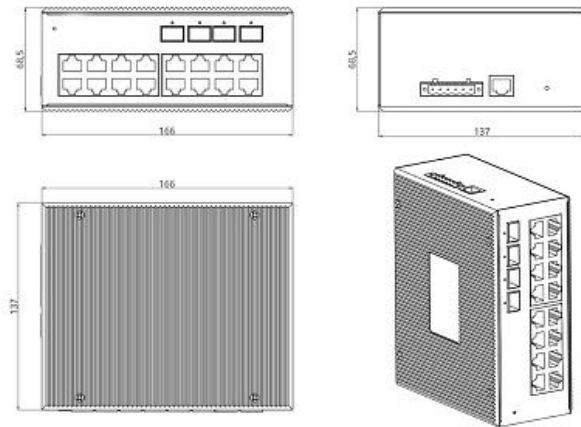
UT-N62416GSP-M-SFP is a managed industrial Ethernet POE switch with FCC, CE, and RoHS compliant products. It supports 4 Gigabit optical ports and 16 Gigabit POE electrical ports; supports Ethernet Layer 2 protocols required by industrial sites to ensure the stability of communication networks; the series switches adopt low power consumption and fanless design to ensure no noise interference, and support -35~70°C operating temperature and good EMC electromagnetic compatibility performance to ensure stable operation in harsh industrial environments, providing a safe and reliable solution for factory automation, intelligent transportation, video surveillance and other industrial applications to set up fast and stable network terminal access networks. It is 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-N62416GSP-M-SFP
Product Name	Managed 20-port Industrial Ethernet POE Switch
<b>Hardware Specification</b>	
<b>Interface</b>	
Interface description	16 RJ45 ports + 4 fiber optic ports
RJ45 port	10/100/1000M auto-detection, full/half duplex MDI/MDI-X adaptive
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	42Mpps
Transmission mode	Store-and-Forward
MAC address	8K
Buffer size	12Mbit
Backplane bandwidth	56G
Switching latency	<10μs

Power Requirement	
Input voltage	DC48-57V (dual power supply redundancy backup)
Power consumption	<12W
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	166*137*68.5mm (W x D x H)
Weight	1180g
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, IEEE 802.3AF/AT, etc.
POE Standard	POE port: 1-16 ports support PoE Output Power : Maximum power 15.4W (IEEE 802.3af) Maximum power 30W (IEEE 802.3at)
Industry Standard	EMI : FCC Part 15 Subpart B Class A, EN 55022 Class A EMC : 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 : ±2kV CM//±1kV DM ; IEC(EN)61000-4-5(Surge):Network port : ±2kV CM//±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-N62416GSP-M-SFP	16-port 10/100/1000BASE-TX+4G SFP Managed Industrial PoE Switch