

Managed 20-port Industrial Ethernet Switch



UT-N62416GS-M-SFP



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





- 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/v2/v3 to ensure network security
- Adopt RMON to enhance network monitoring machine prediction capability
- Support port mirroring function for online debugging
- 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: support port mirroring, interface status monitoring, log management
- Support Bypass function (optional)



OVERVIEW

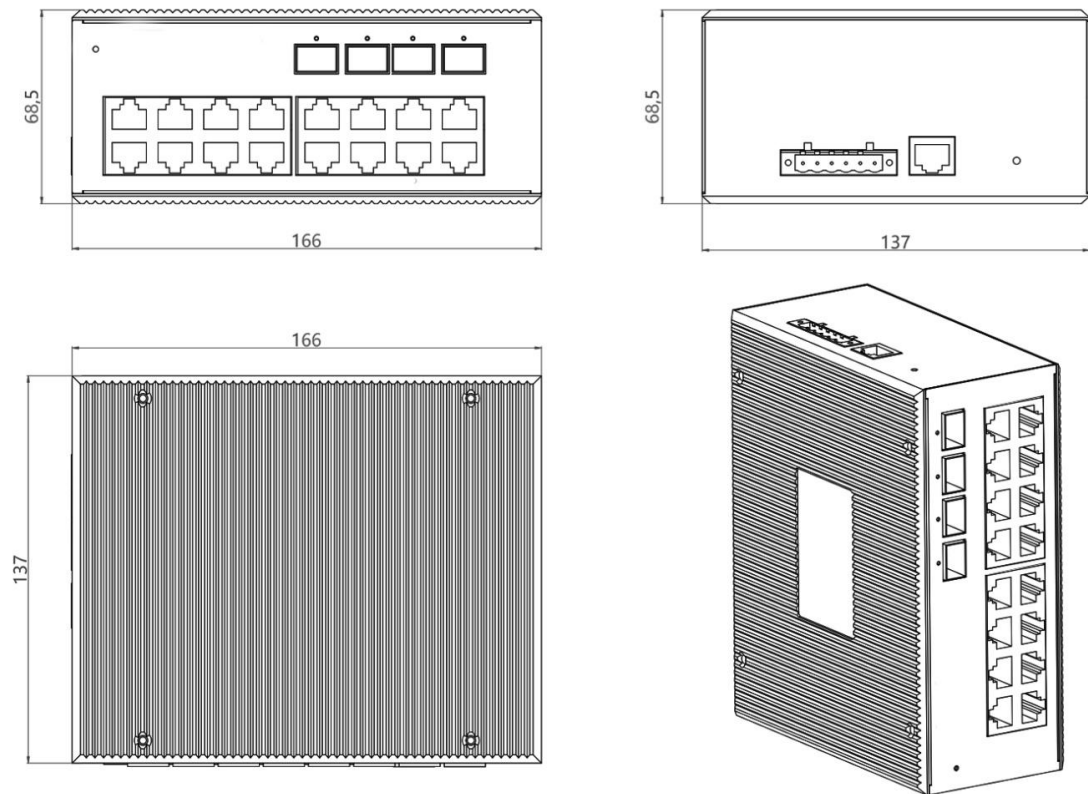
UT-N62416GS-M-SFP is a managed industrial Ethernet switch with FCC, CE, and RoHS compliant products. It supports 4 Gigabit optical ports and 16 Gigabit electrical ports; supports Ethernet Layer 2 protocols required by industrial sites to ensure the stability of communication networks; this series of switches adopts low power consumption and fanless design to ensure no noise interference, and supports -40~80°C operating temperature and good EMC electromagnetic compatibility performance to ensure stable operation in harsh industrial environments, providing safe and reliable solutions for factory automation, intelligent transportation. 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-N62416GS-M-SFP
Product Name	Managed 20-port Industrial Ethernet POE Switch
Hardware Specification	
Interface	
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)
LED Indicator Light	
LED indicator light	Power indicator: PWR Interface indicator: electrical port, optical port (Link/ACT)
Switching Performance	
Forwarding rate	42Mpps
Transmission mode	Store-and-Forward
MAC address	8K
Buffer size	12Mbit
Backplane bandwidth	56G
Switching latency	<10μs

Power Requirement	
Input voltage	DC12 ~ 52V (dual power supply redundancy backup)
Power consumption	<5W
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	143.7*104*47.7mm (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, IEEE802.1ab Logical Link Discovery Protocol, IEEE802.1D-Spanning Tree Protocol, IEEE802.1w-Rapid Spanning Tree Protocol, APS 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):±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-N62416GS-M-SFP	16-port 10/100/100BASE-TX+4G SFP Managed Industrial Switch