

UT-6410GM-POE

Gigabit Managed POE Ethernet Switch



UT-6410GM-POE Series

10-port Gigabit Managed POE Unmanaged Ethernet Switch



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- Support 8-port POE management function
- Support Ethernet and optical ports (ST/FC/SC/SFP types)
- Support IGMP Snooping to filter multicast packets
- Support IEEE 802.1 Q VLAN for easy network planning
- Support QoS (IEEE 802.1 p/1 Q) and TOS/DiffServ to increase network stability
- Support STP/RSTP and MSTP network redundancy and SNMPv1/v2/v3 to ensure network security management
- Support UT-Ring ring function
- Support IEEE802.1x
- Support link aggregation to optimize network bandwidth
- Support Access Control List (ACL)
- Support port mirroring function for online debugging
- Support port speed limit, broadcast storm suppression, multicast storm suppression, unknown unicast storm suppression to ensure network stability
- Support power, port, UT-Ring abnormal state relay output alarm
- Operating temperature: -40-75°C



OVERVIEW

The UT-6410GM series managed Gigabit industrial Ethernet switch supports 8 10/100/1000Base-T Ethernet ports (IEEE802.3af/at(POE) compatible) and 2 1000Base-X ports. Each POE port can provide up to 30W of power to connected devices (such as surveillance cameras, wireless access points and IP phones) when AC power is not available or limited by other factors. interference capability to ensure stable operation in harsh industrial environments, providing greater advantages for industrial automation, intelligent transportation, video surveillance and other industrial applications.

SPECIFICATION

Protocol Standards

Standards: IEEE 802.3af/at, IEEE802.3, IEEE802.3u, IEEE802.3u IEEE802.3x, IEEE802.3z, IEEE802.1Q, IEEE802.1p, IEEE802.1D, IEEE802.1W, IEEE802.1W IEEE802.1s, IEEE802.3ad, IEEE802.1x
 Protocols: ARP, ICMP, TCP, HTTP, HTTPS, Telnet, STP/RSTP/MSTP, LLDP, IGMP, SNMPv1/v2c/v3. DHCP Server, NTP, RMON, Syslog
 Flow control: IEEE802.3x flow control, backpressure flow control

LED indicator light

Power Indicator, Optical Port Indicator, RJ45 Indicator Alarm Indicator, Operation Indicator, POE Indicator

Interfaces

Fiber optic interface: 1000Base-X,(SC/FC/ST/SFP slot)
 RJ45 interface: 10/100/1000Base-T, support POE output
 POE pins: V+ ,V+, V-,V- corresponding to pins 1,2,3,6 (default)

Switching Performance

Forwarding rate: 1488095pps
 Transmission mode: store and forward
 MAC address size: 16K
 Cache size: 2Mb
 Backplane bandwidth: 22G
 Max. frame length: 10Kb

Transmission Distance

Cat.5e: 100m

Fiber Optic Module

Single-mode: 1310nm 20/40/60Km

1550nm 80/100/120Km

Multi-mode: 1310nm 2Km

Power Requirement

Voltage input: 48VDC(46-57V),redundant input,support reverse connection protection

Interface terminal: 1 pluggable 6 pin terminal block

Consumption

Max. consumption power for each POE port about 30 W, total power consumption no more than 150W.

Mechanical Dimension

Dimension (W x H x D): 150mm x 47.6mm x 100mm

Package dimension: 250mm x 205mm x 55mm

Weight: 837g

Mechanical Characteristics

IP protection level: IP40

Installation: DIN-Rail /Wall Mounted

Operating Environment

Operating temperature: -40~75°C

Storage temperature: -40~85°C

Relative humidity: 0~95% (non-condensing)

Industrial Standards

EMI :

FCC Part 15, CISPR (EN55022) class A

EMS:

IEC(EN)61000-4-2(ESD)

IEC(EN)61000-4-3(RS)

IEC(EN)61000-4-4(EFT)

IEC(EN)61000-4-5(Surge)

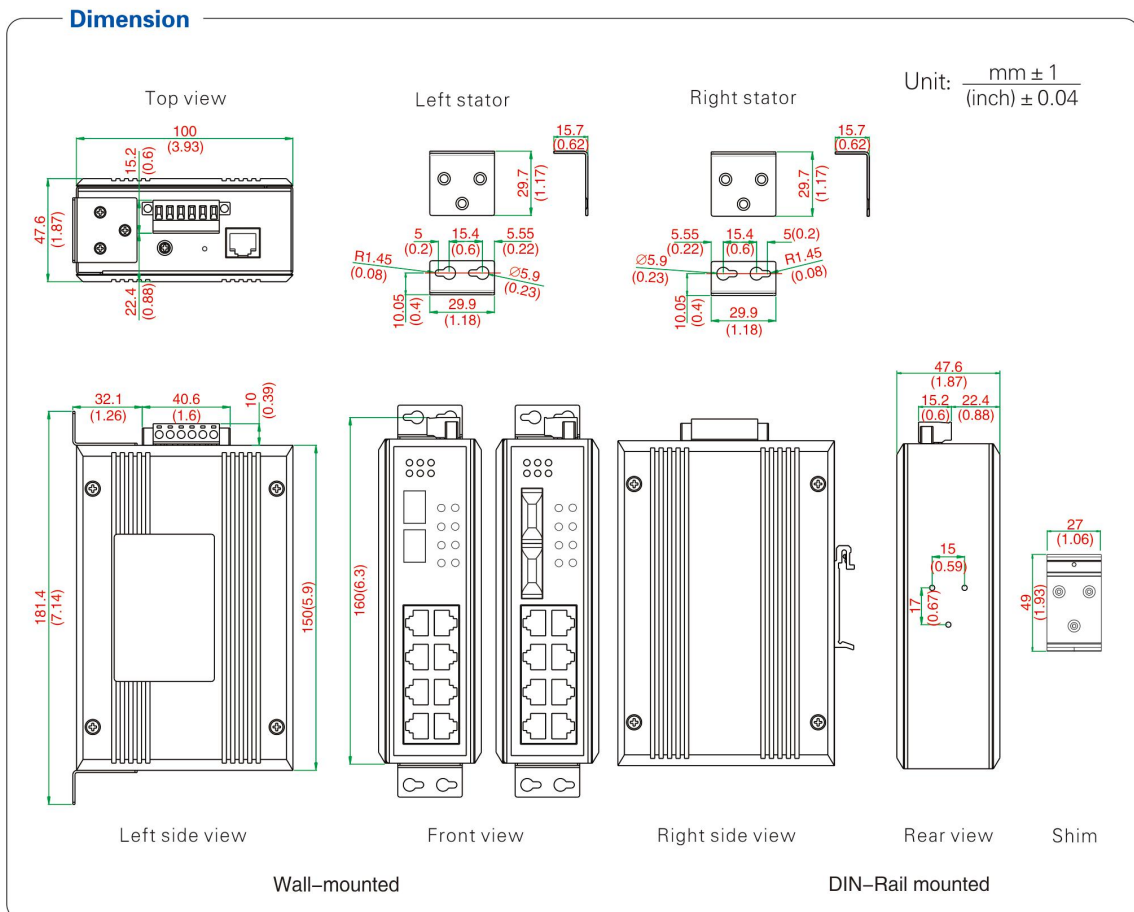
IEC(EN)61000-4-6(CS)

IEC(EN)61000-4-8

IEC 60068-2-27(Shock)

IEC 60068-2-32(Freefall)

IEC 60068-2-6(Vibration)



ORDER INFORMATION

Model	Interface description		Optical port type
	10/100/1000Base-T	1000Base-X	
UT-6410GM-8GT2GP-POE	8	2	SFP slot
UT-6410GM-8GT2GSC-POE	8	2	SC
UT-6410GM-8GT-POE	8	2	-