

## UT-6405M-POE

# 100M Simple Managed POE Ethernet Switch



## UT-6405M-POE Series

5-port 100M Simple Managed POE Unmanaged Ethernet Switch



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- Support 4-port POE management function
- Supports multiple combinations of Fast Ethernet and optical ports (ST/FC/SC/SFP interface types)
- Support STP/RSTP and MSTP network redundancy
- SNMPv1/v2/v3 to ensure network security management
- Support LLDP, NTP, DHCP client, access user management, system management, etc.
- Support CLI, console, telnet, WEB and other management methods
- Support UT-Ring ring function
- Support power, port, UT-Ring abnormal state relay output alarm function
- Operating temperature: -40~75°C



## OVERVIEW

The UT-6405M POE series is a 5-port 100M simple managed Ethernet switch with 5 100M interfaces. The product provides 4 fixed 10/100Base-T(X) Ethernet interfaces and 1 optical optional interface, of which 4 10/100Base-T(X) support IEEE802.3af/at(POE). Each POE port can provide up to 30 W 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. The UT-6405M POE series Ethernet switches are highly flexible and can transmit data over long distances via fiber optic ports. The series switches support multiple management functions (CLI/Web/Console port, etc.), expandable backbone network structure and Power over Ethernet, and high anti-electromagnetic interference to ensure stable operation in harsh industrial environments, providing greater advantages for industrial applications such as industrial automation, intelligent transportation, and video surveillance.

## SPECIFICATION

### Protocol Standards

Standards: IEEE 802.3af/at, IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.1D, IEEE802.1W

Protocols: ARP, ICMP, TCP, HTTP, HTTPS, Telnet

STP/RSTP, LLDP, SNMPv1/v2c/v3, DHCP, NTP, Syslog

Flow control: IEEE802.3x flow control, backpressure flow control

### Interfaces

Fiber optic interface: 100Base-FX (SC/FC/ST/SFP slot)

RJ45 interface: 10/100Base-T (X), support 4 POE output

POE pins: V+ ,V+, V-,V- corresponding to the array of pins 1,2,3,6 (default)

### Transmission Distance

Cat.5e: 100m

Fiber Optic Module

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

1550nm 80/100/120Km

Multi-mode: 1310nm 2Km

### Switching Performance

Forwarding rate: 148810pps

Transmission mode: store and forward

MAC address size: 1K

Cache size: 0.5Mbit

Backplane bandwidth: 1.2G

**LED indicator light**

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

**Power Requirement**

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

Interface terminal: 6 pin terminal block

**Consumption**

Max. consumption power for each port about 30 W, total power consumption no more than 80W.

**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)

**Mechanical Dimension**

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

Package dimension: 250mm x 205mm x 55mm

Weight: 960g

**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)

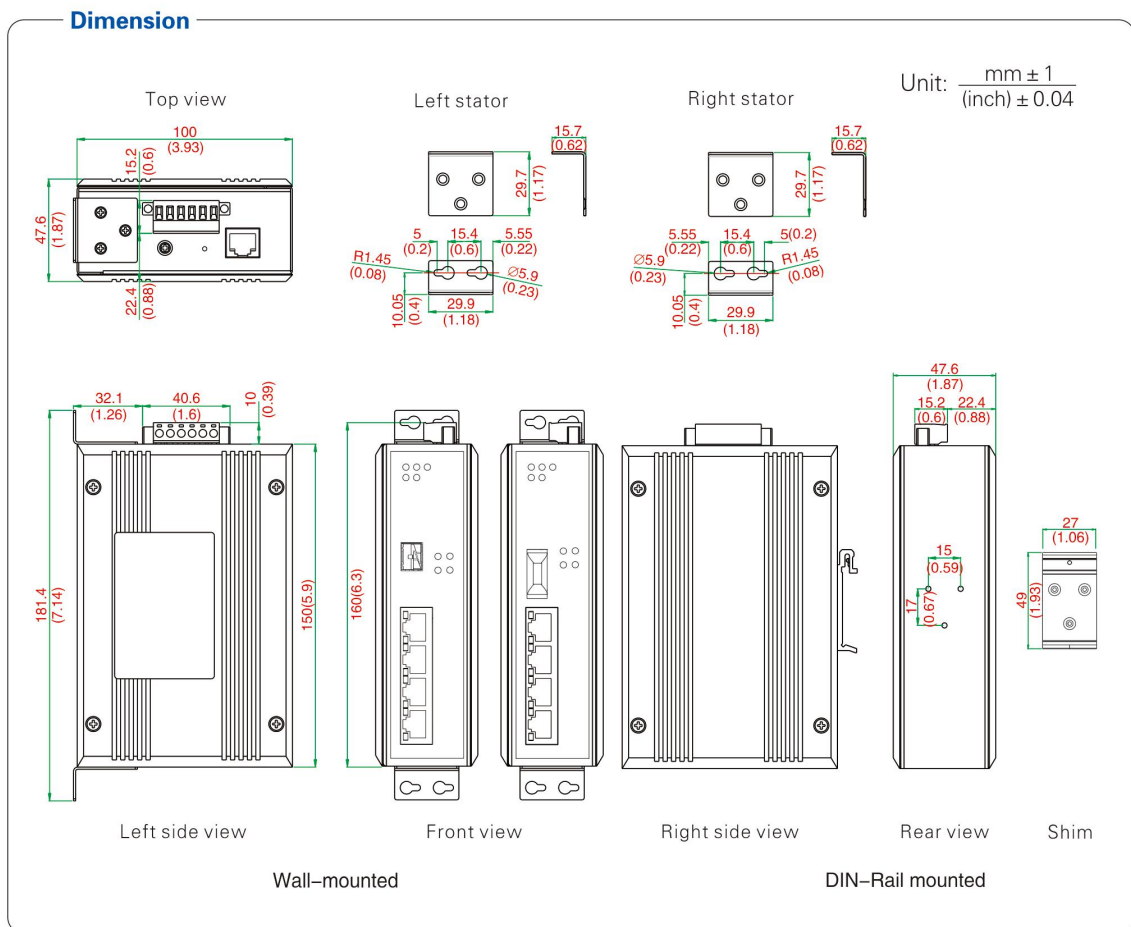
IEC(EN)61000-4-6(CS)

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
	10/100Base-TX	100Base-X	
UT-6405M-4T1P-POE	4	1	SFP
UT-6405M-4T1SC-POE	4	1	SC
UT-6405M-POE	5	-	-