

## UT-6410G-POE

# Gigabit Unmanaged POE Ethernet Switch



## UT-6410G-POE Series

10-port Gigabit Unmanaged POE Unmanaged Ethernet Switch



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- Support 4 ports Gigabit POE (IEEE802.3af/at)
- Supports 8-port POE Power over Ethernet
- Support different combinations of Fast Ethernet and optical ports (ST/FC/SC/SFP interface types)
- Support power abnormal state relay output alarm function
- Plug-and-play for easy access
- Operating temperature: -40-75°C



## OVERVIEW

The UT-6410G series unmanaged Gigabit industrial Ethernet switches support 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. It can work for industrial automation, intelligent transportation, video surveillance and other industrial applications with greater advantages.

## SPECIFICATION

### Protocol Standards

Standards: IEEE 802.3af/at, IEEE802.3, IEEE802.3u, IEEE802.3u IEEE802.3ab, IEEE802.3z  
 Flow control: IEEE802.3x flow control, backpressure flow control

### Interfaces

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

### LED indicator light

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

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

### 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 port about 30 W, total power consumption no more than 150W.

### Operating Environment

Operating temperature: -40~75°C  
 Storage temperature: -40~85°C  
 Relative humidity: 0~95% (non-condensing)

**Mechanical Characteristics**

IP protection level: IP40

Installation: DIN-Rail /Wall Mounted

**Mechanical Dimension**

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

Package dimension: 250mm x 205mm x 55mm

Weight: 837g

**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)

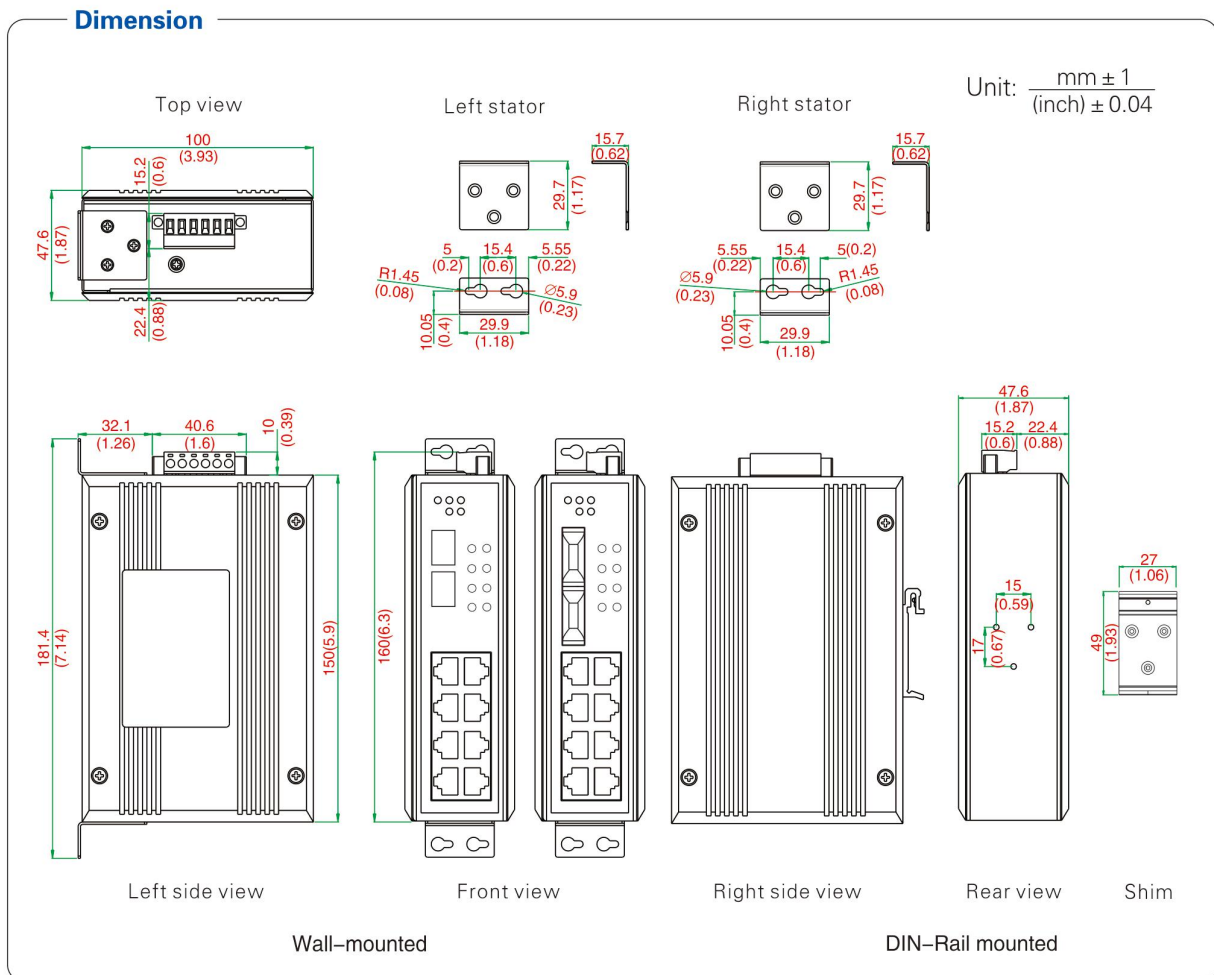
IEC(EN)61000-4-6(CS)

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-6410G-8GT-POE	8	-	-
UT-6410G-8GT2GP-POE	8	2	SFP slot
UT-6410G-8GT2GSC-POE	8	2	SC