

# Gigabit Unmanaged POE Ethernet Switch



## UT-6428-POE

8+2G Gigabit POE Ethernet Switch



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- Supports 8 POE Power over Ethernet
- Support various 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-6428 series unmanaged Gigabit industrial Ethernet switches support 8 10/100Base-T(X) 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, IEEE802.3z

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

### Interfaces

Fiber optic interface: 1000Base-X (SC/FC/ST/SFP slot)

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

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

LED indicators: Power indicator, optical port indicator, RJ45 indicator, alarm indicator, POE indicator

### Transmission Distance

Cat.5e: 100m

Fiber Patch Cord

Single-mode: 1,310nm 20/40/60Km  
1,550nm 80/100/120Km

Multi-mode: 1,310nm 2Km

### Power Requirement

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

Interface terminals: 1 pluggable 6-pin terminal block

### Switching Performance

100M Forwarding rate: 148810pps

1000M Forwarding rate: 1488095pps

Transmission mode: store and forward

MAC address size: 8K

Cache size: 1Mbit

Backplane bandwidth: 7.6G

Max. frame length: 1632B

### Power Consumption

single POE network interface up to 30W, the 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: 940g

### 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

## Industrial Standards

EMI:

FCC Part 15, CISPR(EN55022)class A

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)

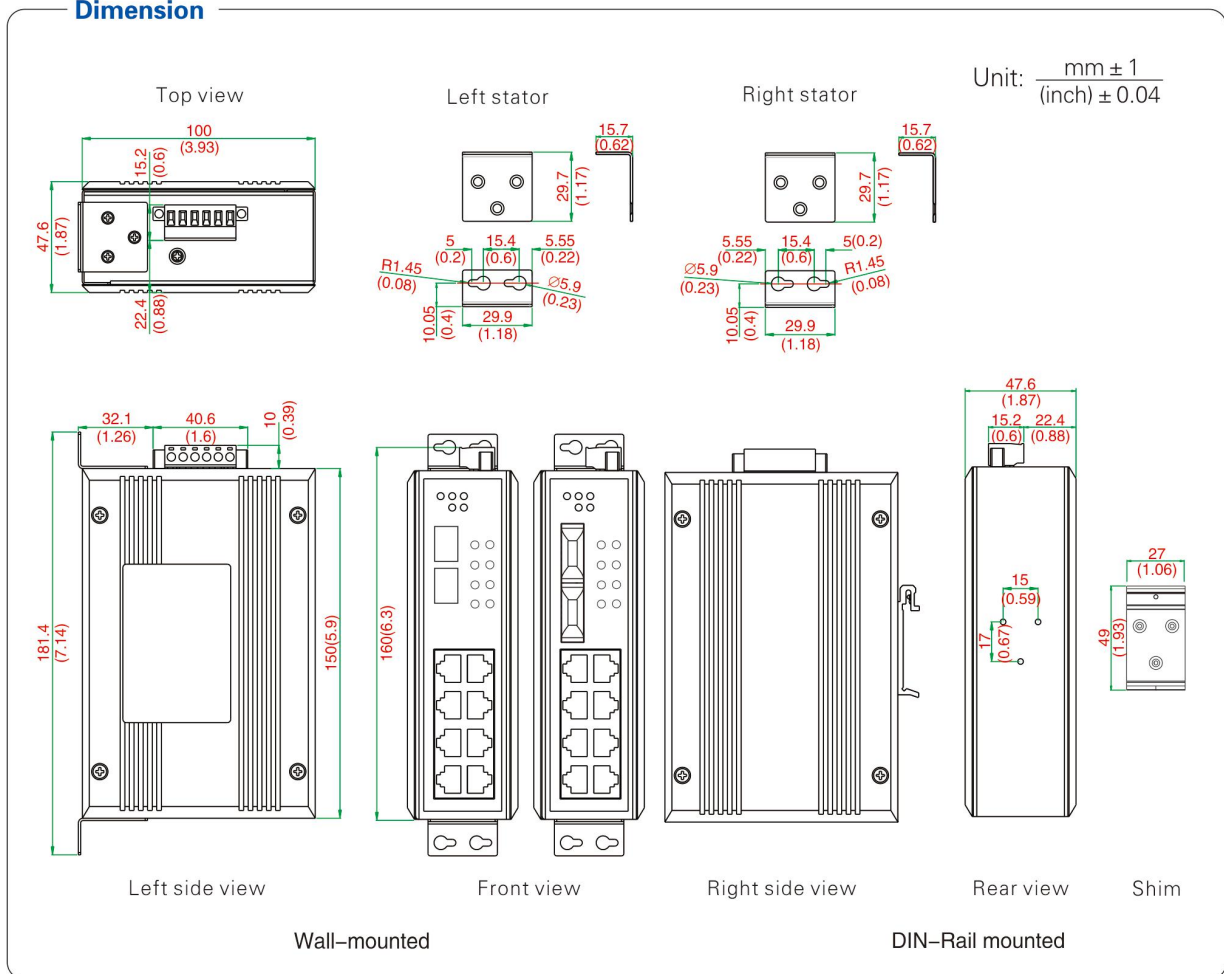
IEC(EN)61000-4-8

IEC60068-2-27( Shock)

IEC 60068-2-32(Freefall)

IEC 60068-2-6(Vibration)

## Dimension



## ORDERING

Model	Interface Description		Optical Port
	100Base-TX	1000Base-X	100Base-FX
UT-6428-8T-2GP-POE	8	2	SFP slot
UT-6405-8T-2GSC-POE	8	2	SC