UT-6405G-POE

Gigabit POE Unmanaged Ethernet Switch

UT-6405G-POE Series

Gigabit POE Unmanaged Ethernet Switch

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UTEK TECHNOLOGY

- Supports 4 port Gigabit POE (IEEE802.3af/at)
- Adopt high quality Optoelectronic-integrated modules to provide good optical and electrical characteristics, ensure reliable data transmission and long lifecycle
- Supports full-duplex and half-duplex, auto MDI/MDI-X
- Auto-10/100/1000Mbps
- Fully automatic recognition of network interface, no need to manually operate switches
- Plug and play for easy access
- Operating temperature: -40~75°C
- Input voltage: 48VDC(46-57V), supports redundant dual power input

OVERVIEW

The UT-6405G POE series unmanaged full Gigabit industrial Ethernet switch contains 5 Gigabit interfaces, supporting 4 10/100/1000Base-T and 1 optical option, of which 4 10/100/1000Base-T supports IEEE802.3af/at (POE). Each POE port can provide up to 30W of power to connected devices (such as surveillance cameras, wireless access points and IP phones) when power is inconvenient or limited by other factors.UT-6405G POE series Ethernet switches are highly flexible and can transmit data over long distances via fiber optic ports. With high anti-electromagnetic interference capability, it ensures stable operation in harsh industrial environments and gives greater advantages to industrial applications such as industrial automation, intelligent transportation, and video surveillance.

SPECIFICATION

Protocol Standards

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

Interfaces

Fiber interfaces: 1000Base-X (SC/FC/ST/SFP slot)
RJ45 interface: 10/100/1000Base-T, support 4 port POE output
POE pin: V+,V+,V-,V- corresponding footage1,2,3,6 (Default)

LED indicator light

Power indicator light,   Power Indicator, Optical Port Indicator, RJ-45 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: 1K
Cache size: 1Mb
Backplane bandwidth: 12G
Max. frame length: 10KB

![UTEK logo] Your Reliable Partner in Industrial IoT

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

Mechanical Dimension

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

Package dimension: 250mm x 205mm x 55mm

Weight: 0.83kg

Operating Environment

Operating temperature: -40~75℃

Storage temperature: -40~85℃

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

Power Requirement

Voltage input: 48 VDC (46-57V), redundant dual power input

Interface terminal: One pluggable 3-pin terminal block

Industrial Standards

EMI ：

FCC Part 15，CISPR (EN55022) class A

EMS：

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

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

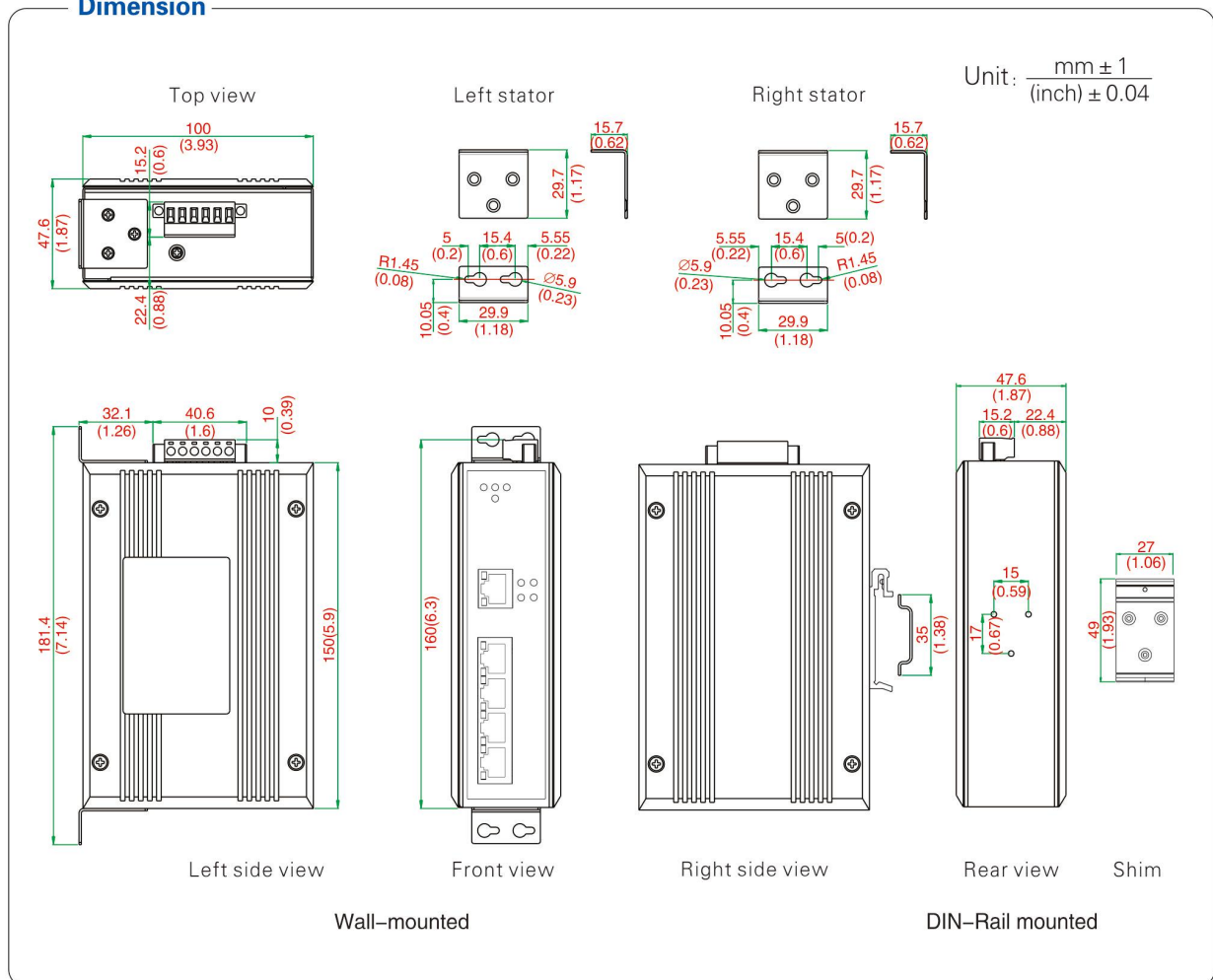IEC(EN)61000-4-4(EFT)

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)

Dimension

ORDER INFORMATION

Model	Interface description		Optical port type
	10/100/1000Base-T	1000Base-X	
UT-6405G-4G1GP-POE	4	1	SFP
UT-6405G-4GT1GSC-POE	4	1	SC
UT-6405G-POE	5	-	-