100M POE Ethernet Switch

UT-6405-POE

10/100M 5-Port POE Ethernet Swtich

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- 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 negotiation
- Auto-10/100Mbps
- Fully automatic recognition of network interface
- Plug and play for easy access
- Operating temperature: -40 ~ 75 °C
- Input voltage: 48VDC(46~57V) redundant inputs with reverse connection protection

OVERVIEW

The UT-6405 POE series unmanaged 100M industrial Ethernet switch includes 5 100M interfaces, supporting 4 x 10/100Base-T(X) and 1 x optical option, of which 4 x 10/100-T(X) supports IEEE802.3af/at (POE).   With high anti-electromagnetic interference capability, it ensures stable operation in harsh industrial environments and gives greater advantages for industrial automation, intelligent transportation, video surveillance and other industrial applications.

SPECIFICATION

Protocol Standards

IEEE 802.3af/at, IEEE802.3, IEEE802.3u

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

Interfaces

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

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

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

LED indicators: power, optical port, RJ-45

Alarm and 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

Backplane bandwidth: 2G

Switching Performance

Forwarding rate: 148810pps

Transmission mode: store and forward

MAC address size: 1K

Cache size: 0.5Mbit

Backplane bandwidth: 1.2G

Power Requirement

Input voltage: 48VDC(46~57),redundant dual voltage inputs

Interface terminal: 1 pluggable 6-pin terminal block

Power Consumption

single POE network interface up to 30W, the total power consumption no more than 80W

Operating Environment

Operating temperature: -40 ~ 75 °C

Storage temperature: -40 ~ 85 °C

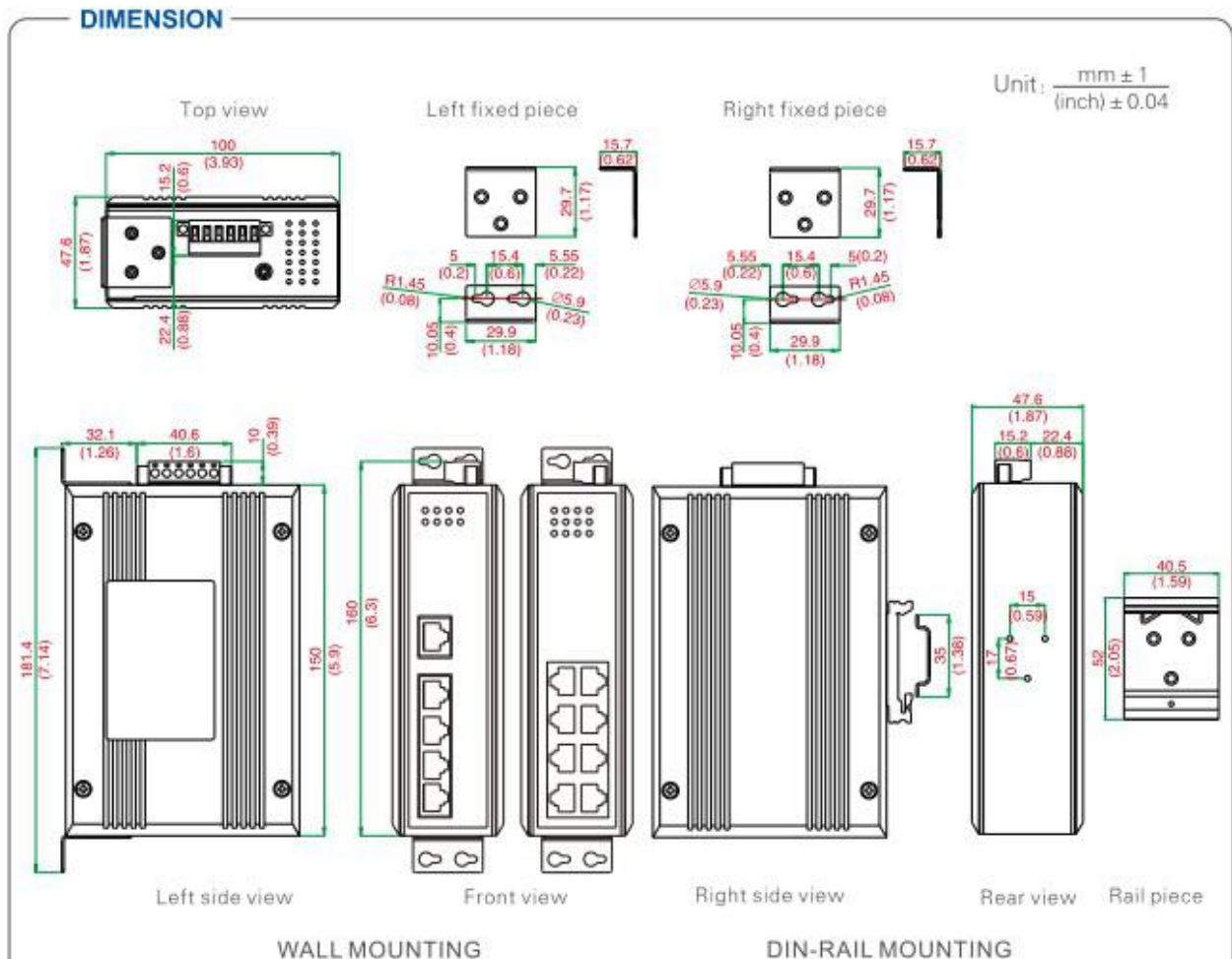Relative humidity: 0~95% (non-condensing)

Mechanical Dimension

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

Package dimension: 250mm x 205mm x 55mm

Weight: 830g

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)

ORDERING

Model	Interface Description		Optical Port
	100Base-FX	10/100Base-T(X)	100Base-FX
UT-6405-4T1P-POE	1	4	SFP slot
UT-6405-4T1SC-POE	1	4	SC
UT-6405-POE	0	5	-