

DIN-Rail Unmanaged Industrial Ethernet Switch



UT-60010G Series

Gigabit 10-Port unmanaged Ethernet Switch



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- Support up to 10 network interfaces, Ethernet and optical ports can support a variety of combinations
- Ethernet port supports full/half duplex, MDI/MDI-X adaptive function
- Support -40~85 °C operating temperature and good EMC electromagnetic compatibility performance
- Support industrial grade IP40 protection level
- Automatic alarm function via relay output
- Redundant dual power supplies, non-polarity, input overload and reverse connection protection
- Comply with telecom-grade operation standard



OVERVIEW

UT-60010G series are unmanaged full Gigabit Ethernet switches, supporting 2 Gigabit fiber interfaces and 8 Gigabit Ethernet electrical ports, plug-and-play; the series switches adopt low power consumption and fanless design to ensure no noise interference, and support -40~85°C operating temperature and good EMC electromagnetic compatibility performance to ensure stable operation in harsh industrial environments, providing a safe and reliable solution for factory. It provides a safe and reliable solution to build a fast and stable network terminal access network for industrial applications such as automation, intelligent transportation and video surveillance.

SPECIFICATION

Protocol Standards

IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.3ab, IEEE 802.3x

Interfaces

Fiber port: 1000Base-X(SC/FC/ST/SFP)

RJ-45 port: 10/100/1000Base-T, auto MDI/MDI-X

LED indicators: P1, P2 power indicator, FAIL power failure light, G1, G2 fiber indicator, RJ-45 indicator

Alarm contacts: one relay output, normally open and normally closed capacity 1A @ 24VDC

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 consumption

Max. input power consumption 400mA@24Vmax

Switching Performance

Forward 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: with optional

12/24/48VDC(10.8~52.8VDC) and

110/220VAC(88~264VAC)/50-60Hz or

110/220VDC(88~264VDC)

Supports redundant dual power input

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

Weight: 1600g

Packaging dimension: 250mm x 205mm x 108mm

Operating Environment

Operating temperature: -40 ~ 85 °C

Storage temperature: -40 ~ 85 °C

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

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)

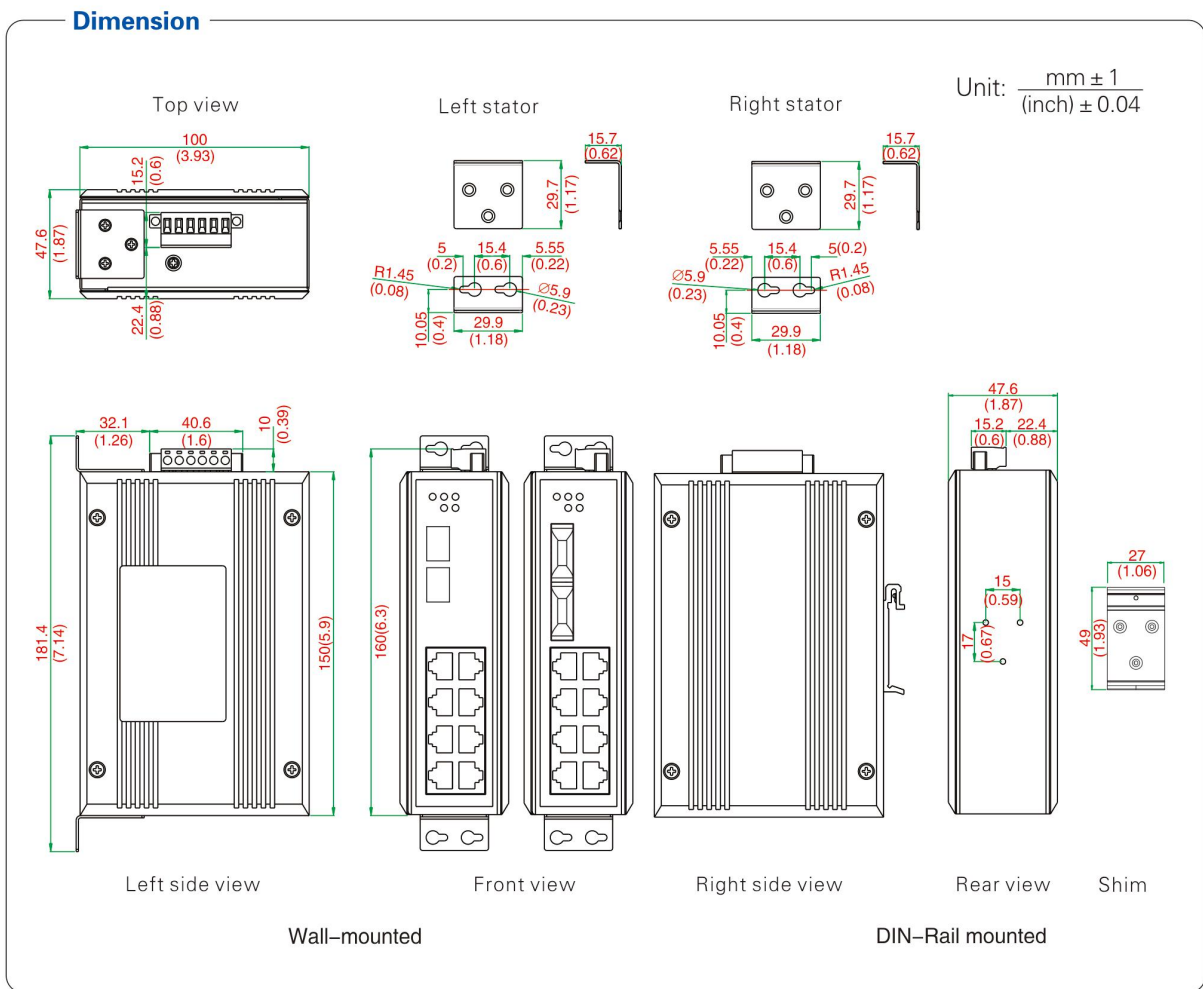
IEC(EN)61000-4-5(Surge)

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

IEC(EN)61000-4-8

IEC60068-2-27(Shock)

IEC 60068-2-32(Freefall)



ORDERING

Model	Interface description		Optical port type
	1000Base-X	10/100/1000Base-T	1000Base-X
UT-60010G8GT-2GSC-MNF	2	8	SC
UT-60010G8GT-2GP-MNF	2	8	SFP slot