

DIN-Rail Managed Industrial Ethernet Switch



UT-62005G Series

5-Port Full Gigabit Managed Ethernet Switch



UOTEK TECHNOLOGY (SHENZHEN) CO., LTD.

Add: Room 1001, Building 7, Skyworth Innovation Valley, No. 8, Tangtou No.1 Road,
Shiyao Old Street, Bao'an District, Shenzhen

Tel: +86-755-81202008

Fax: +86-755-27886083

Http: www.uotek.com





- Supports multiple combination of fast Ethernet ports and fiber ports(SFP slot/ST/FC/SC)
- Supports IGMP Snooping filter multicast packets
- Supports IEEE 802.1Q VLAN
- Supports QoS(IEEE 802.1p/1Q) & TOS/DiffServ
- Supports STP/RSTP & MSTP network redundancy, SNMP v1/v2/v3
- Support UT-Ring function
- Support 802.1X
- Supports link aggregation
- Supports port mirroring function, convenient for online debug
- Supports port transmission rate limitation, broadcast storm/multicast storm/uncertain unicast storm suppression
- Supports power, port abnormal status relay output alarm function
- Operating temperature: -40~85 °C



OVERVIEW

UT-62005G series 5-port full Gigabit managed Ethernet switch contains 5 Gigabit interfaces, supporting 4 10/100/1000Base-T and 1 port optical optional. The Ethernet switches are highly flexible and can transmit data over long distances via fiber optic ports. The series switches support multiple management functions (CLI/Web/Console port, etc.), expandable backbone network structure and Power over Ethernet, and high EMI resistance to ensure stable operation in harsh industrial environments for industrial applications such as industrial automation, intelligent transportation, and video surveillance.

SPECIFICATION

Protocol Standards

Standards: IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3ab, IEEE802.3z, IEEE802.1Q, IEEE802.1p, IEEE802.1D, IEEE802.1W, IEEE802.1s, IEEE802.3ad, IEEE802.1x.

Protocols: ARP, ICMP, TCP, HTTP, HTTPS, Telnet, STP/RSTP/ MSTP, LLDP, IGMP, SNMPv1/v2c/v3, DHCP Server, NTP, RMON, Syslog. RMON, Syslog

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

Switching Performance

Forwarding rate: 1,488,095pps

Transmission mode: store and forward

MAC address size: 1K

Cache size: 1Mb

Backplane bandwidth: 12G

Max. frame length: 10KB

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

Interfaces

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

RJ-45 port: 10/100/1000Base-T

LED indicator :Power indicator, optical port indicator, RJ-45 indicator, alarm indicator, operation indicator.

Power Requirement

Voltage input:

with optional 12/24/48VDC(10.8~52.8VDC) Redundant inputs support reverse connection protection

1 pluggable 6-pin terminal block

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: 730g

Packaging dimension: 250mm x 205mm x 55mm

Operating Environment

Operating temperature: -40 ~ 85 °C

Storage temperature: -40 ~ 85°C

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

Power consumption

Max. input power consumption 250mA@24Vmax

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)

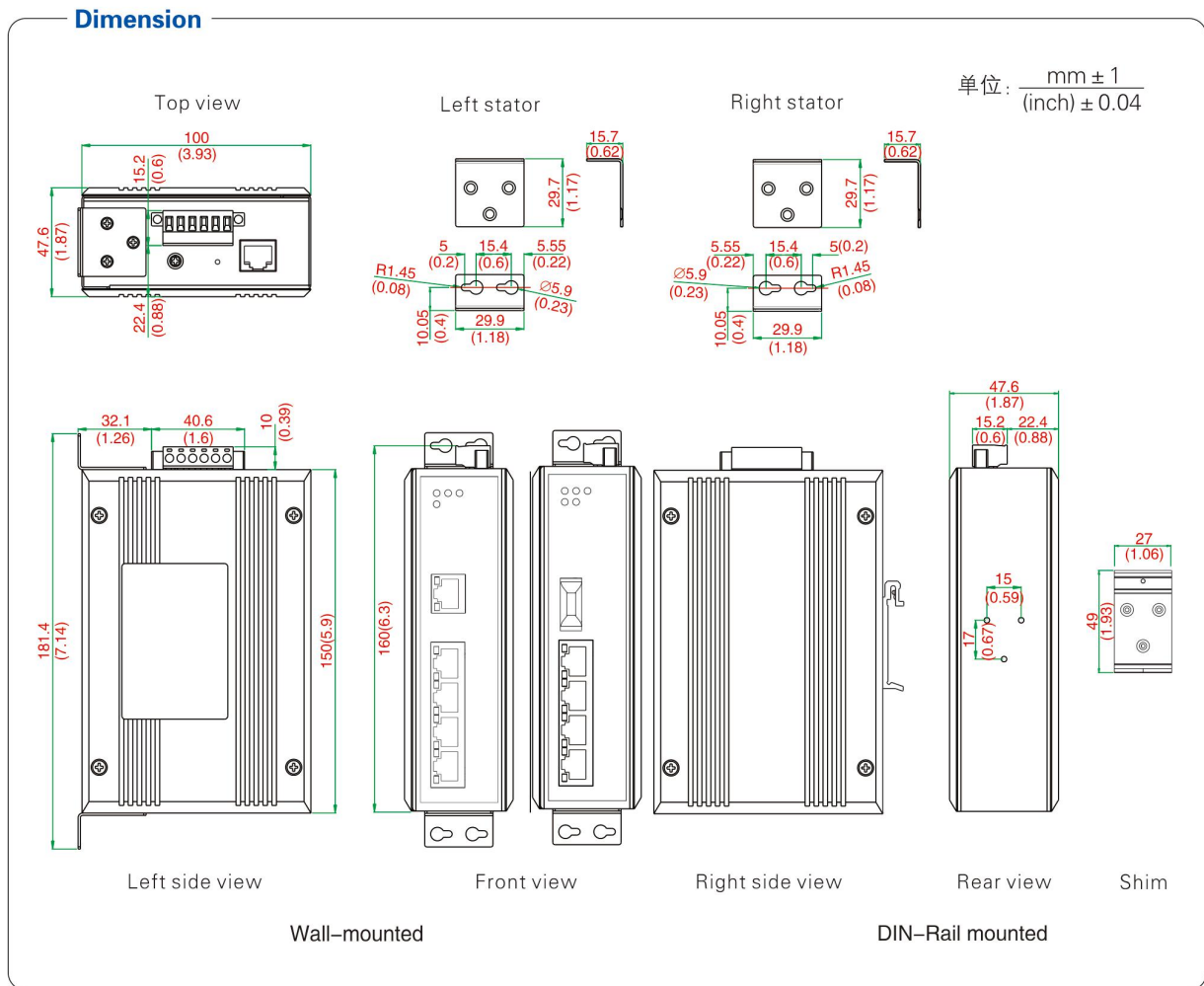
IEC(EN)61000-4-5(Surge)

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

IEC(EN)61000-4-8

IEC 60068-2-27(Shock)

IEC 60068-2-32(Freefall)



ORDERING

Model	Interface description		Optical port type
	10/100/1000Base-T	1000Base-X	
UT-62005G-4GT1GP-MNF	4	1	SFP (slot)
UT-62005G-4GT1GSC-MNF	4	1	SC
UT-62005G-5GT-MNF	5	-	-