DIN-Rail Unmanaged Industrial Ethernet Switch

UT-62107C Series

100M 8-Port unmanaged Ethernet Switch

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UTEK TECHNOLOGY

- Supports full-duplex or half-duplex, auto negotiation
- Auto 10/100Mbps
- Fully automatic recognition of network interface
- Built-in store-and-forward mechanism
- Operating temperature: -20 ~ 75°C
- Ultra-wide voltage input: 12/24/48VDC(10.8~52.8VDC),support reverse connection protection
- Support dual DC redundant power input, overload protection

OVERVIEW

UT-62107C series are 8-port 100M unmanaged Ethernet switches, which have 7 10/100Base-T(X) Ethernet interfaces and 1 100Base-FX port, plug and play; used for data communication between 100Base-TX twisted pair and 100 Base-FX cable, it is suitable for the scenarios of intelligent community or FTTO. It automatically adapts to the transmission rate of 10Mbps and 100Mbps, which is convenient for users to upgrade. It extends the limit of network transmission distance from 100M of twisted-pair cable to more than 100KM, which can easily realize the interconnection between motherboard servers, repeaters, hubs, terminals and terminators.

SPECIFICATION

Protocol Standards

IEEE 802.3 10Base-T

IEEE 802.3u 100Base-TX and 100Base-FX

Interfaces

Fiber optic interface: 1 100Base-FX port (optional SC, ST, FC)

RJ45 port: 10/100Base-TX ports, auto-detection, full/half duplex, auto-MDI/MDI-X

Switching Performance

Forwarding rate: 148810pps

Transmission mode: store and forward

MAC address size: 1K

Cache size: 448Kb

Backplane bandwidth: 1.6G

LED indicator light

PWR power indicator, FDX fiber indicator, RJ-45 indicator

Power Requirement

Voltage input: 12/24/48VDC(10.8~52.8VDC), Dual power redundant input

Interface terminal: 1 pluggable 3-pin terminal block

Overload protection: Support

Reverse connection protection: Support

Power consumption

100mA@24Vmax

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: 762g

Packaging dimension: 250mm x 205mm x 55mm

Operating Environment

Operating temperature: -20 ~ 75°C

Storage temperature: -40 ~ 85°C
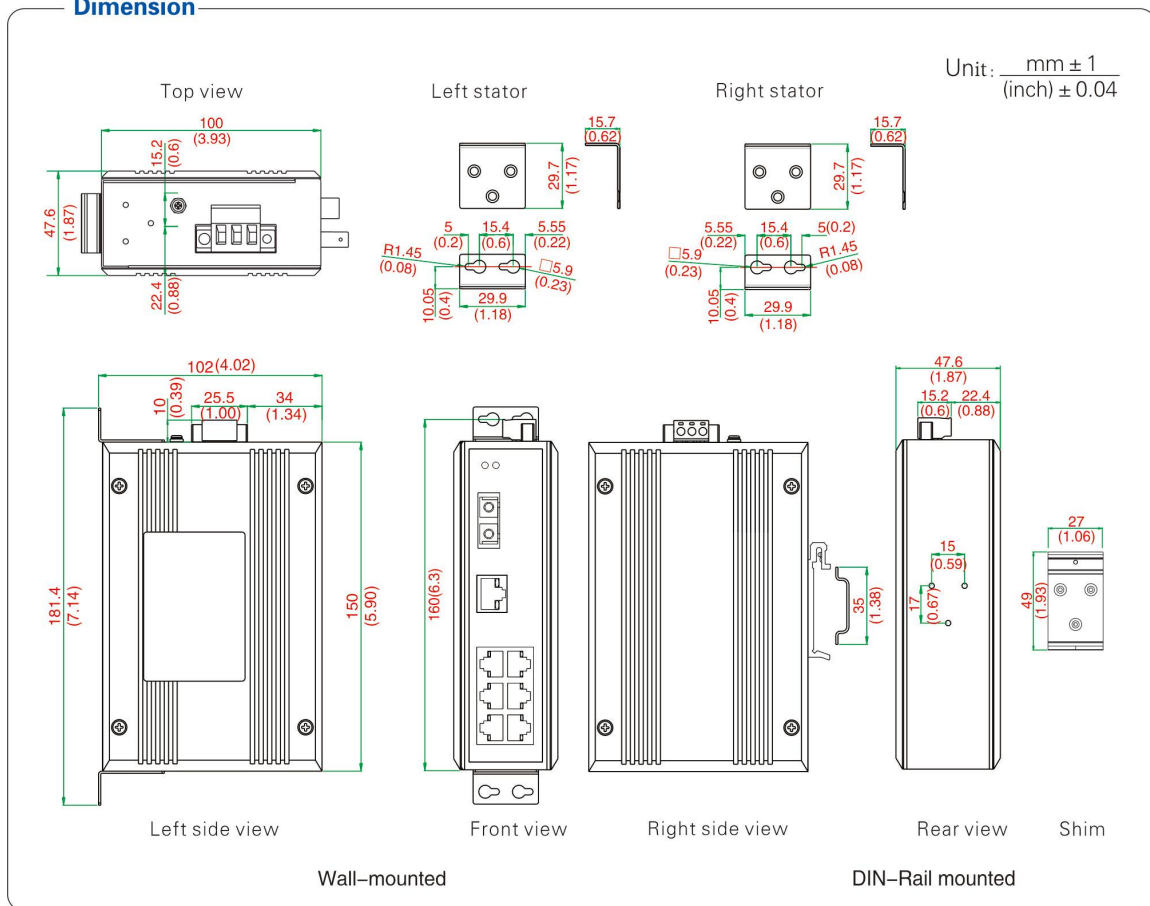
Relative humidity: 0~95% (non-condensing)

Industrial Standards

EMI:

FCC Part 15 Subpart B class A，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

Top view   Left stator   Right stator

Unit：mm ± 1 / (inch) ± 0.04

Left side view   Front view   Right side view   Rear view   Shim

Wall–mounted   DIN–Rail mounted

ORDER INFORMATION

Model	Interface description		Optical port type
	10/100Base-T(X)	100Base-FX	
UT-62107CSM-SC	7	1	Single mode dual fiber (SC)
UT-62107CSM-ST	7	1	Single mode dual fiber (ST)
UT-62107CSM-FC	7	1	Single mode dual fiber(FC)
UT-62107CMM-SC	7	1	Multimode dual fiber (SC)
UT-62107CMM-ST	7	1	Multimode dual fiber (ST)
UT-62107CMM-FC	7	1	Multimode dual fiber (FC)