

DIN-Rail Unmanaged Industrial Ethernet Switch



UT-60008F Series

100M 8-Port unmanaged Ethernet Switch



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- Supports up to 8 100Mbps ports
- Adopt high quality optoelectronic integrated modules to provide good optical and electrical characteristics, ensure reliable data transmission and long lifecycle
- Supports full-duplex or half-duplex, auto negotiation
- Auto 10/100Mbps
- Fully automatic recognition of network interface
- Compatible with Telecom standards, MTBF>500,000 hours
- SC connector (with optional ST/FC)
- FAIL relay output auto alarm function
- Redundant dual power input, overload protection



OVERVIEW

UT-60008F series are unmanaged industrial Ethernet switches. It supports up to 8 100M ports, plug & play. This switch is low power consumption; the fanless design prevents it from noise interference; the operating temperature range is -40 ~ 85°C. These make it provides safe and reliable solution for industrial automation, intelligent transportation, video transmission, and other industrial application networking.

SPECIFICATION

Protocol Standards

IEEE 802.3, IEEE 802.3u, IEEE 802.3z

Interfaces

Fiber port: 100Base-FX(SC/FC/ST)

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

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

Switching Performance

100M ports: 148,810pps

Transmission mode: store and forward

MAC address size: 2K

Cache size: 1Mb

Backplane bandwidth: 2G

LED indicator light

Power, Network, alarm and Optical port indicator.

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

Power consumption

Max. input power consumption 300mA@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: 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)

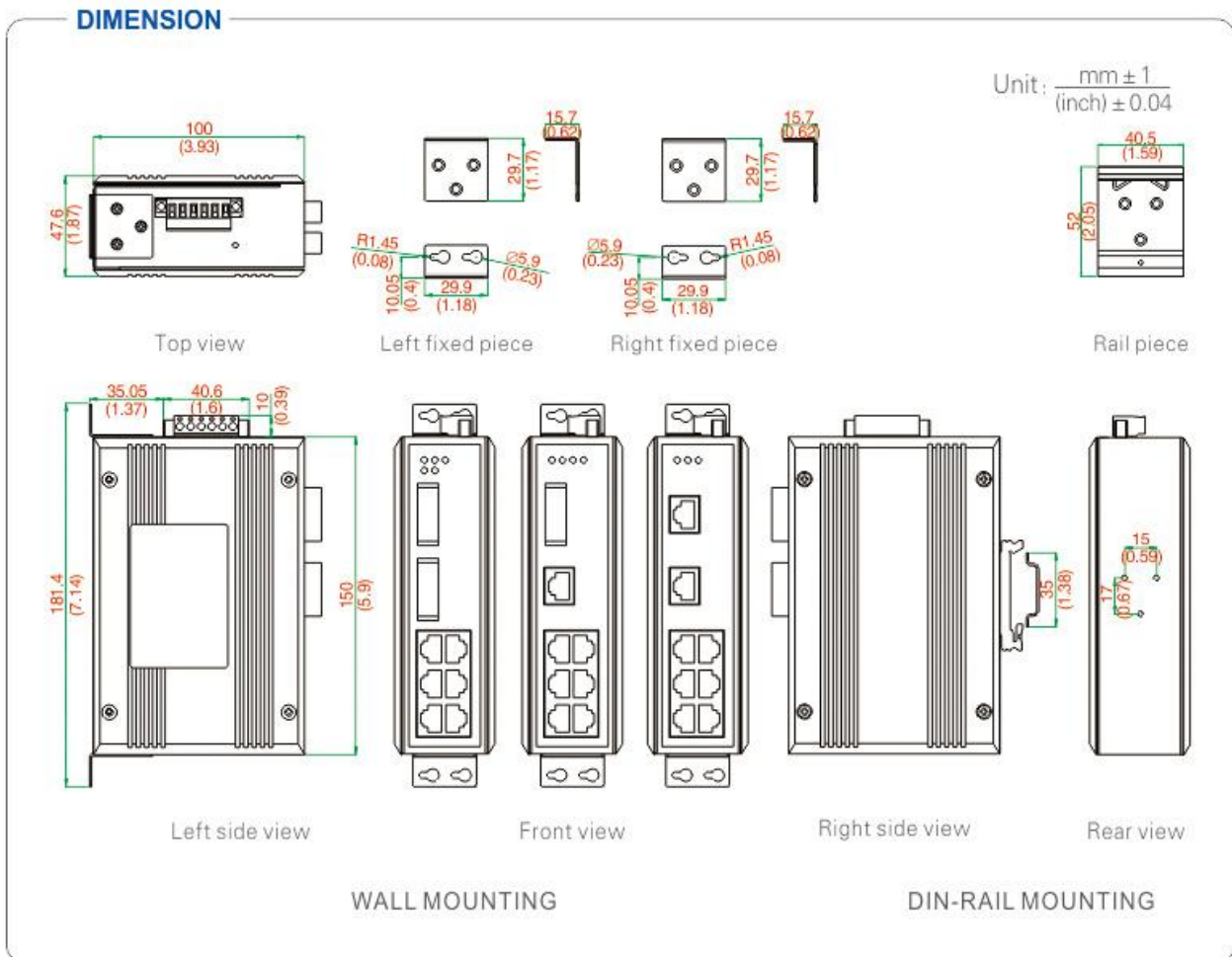
IEC(EN)61000-4-5(Surge)

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

IEC(EN)61000-4-8

IEC60068-2-27(Shock)

IEC 60068-2-32(Freefall)



ORDERING

Product Model	Port Description		Fiber Port
	100 Base-FX	10/100Base-T(X)	100Base-FX
UT-60008F-8T-MNF	-	8	-
UT-60008F-6T2SC-MNF	2	6	SC port
UT-60008F-7T1SC-MNF	1	7	SC port
UT-60008F-4T4SC-MNF	4	4	SC port

Remarks:

1. Single-mode dual-fiber SC port is a standard configuration for products above mentioned, with optional ST/FC

2. The suffix "F" in "MNF" means 12/24/48VDC (10.8~52.8VDC) power input;

The suffix "D" in "MND" means 110/220VAC/DC (88~264VAC/DC) dual power input