

# DIN-Rail Unmanaged Industrial Ethernet Switch



## UT-60208F Series

8+2G Gigabit Unmanaged Ethernet Switch



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- Supports full-duplex or half-duplex, auto negotiation
- Supports 10/100Base-T(X), auto detection, auto MDI/MDI-X
- Built-in store-and-forward, 8k buffer
- Operating temperature: -40~85 °C
- IP protection level: IP40
- Relay output auto alarm function
- Non-polarity, overload and reverse polarity protection
- Compatible with Telecom standards



## OVERVIEW

UT-60208F series are unmanaged industrial Ethernet switches. It supports up to 10 ports, which included 2 Gigabit fiber ports. 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 monitoring, 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)

1000Base-X(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

1000M ports: 1,488,095pps

Transmission mode: store and forward

MAC address size: 8K

Cache size: 1Mb

Backplane bandwidth: 7.6G

Max. frame length: 1632B

### LED indicator light

Power indicator, Network indicator, alarm 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 400mA@24Vmax

### Mechanical Characteristics

IP protection level: IP40

Installation: DIN-Rail Mounted

### Mechanical Dimension

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

Weight: 910g

Packaging dimension: 250mm x 205mm x 55mm

**Operating Environment**

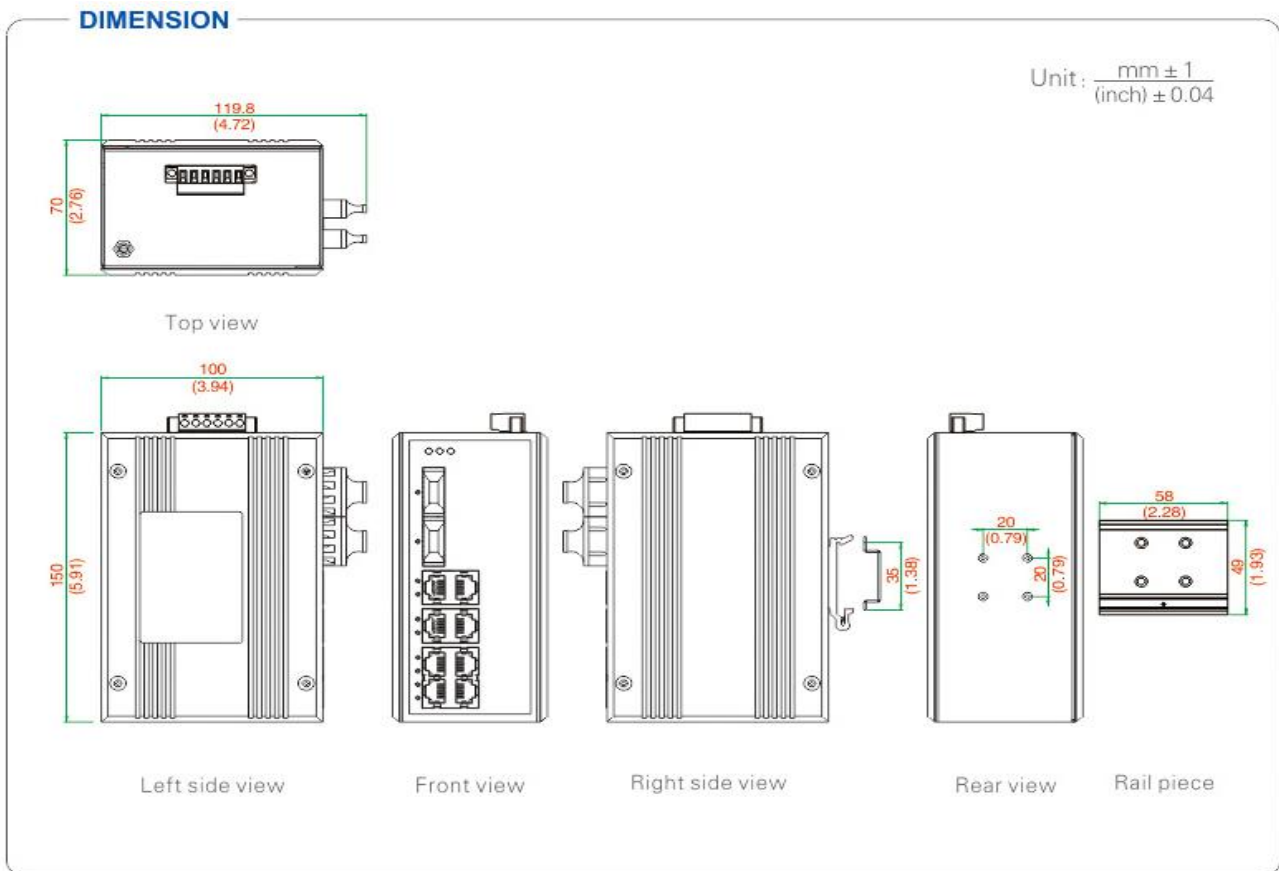
Operating temperature: -40 ~ 85 °C  
 Storage temperature: -40 ~ 85 °C  
 Relative humidity: 0~95% (non-condensing)

**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	
	100Base-FX	1000Base-X	10/100Base-T(X)	100Base-FX	1000Base-X
UT-60208F-8T-2GSC-MNF	-	2	8	-	SC
UT-60208F-8T-2GP-MNF	-	2	8	-	SFP
UT-60208F-6TSC-2GSC-MNF	2	2	6	SC	SC

**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