

# 8+2G Gigabit Managed Ethernet Switch



## UT-62208F Series

8+2G Gigabit Managed Ethernet Switch



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- Data control: supports 802.3X full-duplex flow control, network storm relieving
- Redundant network: supports STP/RSTP/MSTP, UT-Ring network
- Multicast management: supports IGMP Snooping V1/V2/V3
- VLAN: supports IEEE 802.1Q VLAN, effective isolation of broadcast domains
- Link aggregation: supports link static/dynamic aggregation, provides perfect bandwidth utilization
- QoS: supports COS, DSCP, 4 queues, WRR, SP control mode
- Safety management: supports ACL, 802.1X, user level management
- Monitoring: supports port mirroring, port status monitoring, log management
- Alarm function: support power, port, UT-Ring abnormal state relay output alarm function



## OVERVIEW

UT-62208F series are managed industrial Ethernet switches. It supports up to 10 interfaces, which included 2 Gigabit fiber ports, plug & play; it supports 1 console port, provides CLI management; and it supports industrial field Ethernet layer 2 protocol, this ensure the network stability. This switch is low power consumption; the fanless design prevents it from noise interference. The operating temperature range is from -40~85 ° C, with EMC compatibility, these make the switch works stable under harsh environment, which provides safe and reliable solution for industrial automation, intelligent transportation, video monitoring, and other industrial application networking access.

## SPECIFICATION

### Protocol Standards

IEEE 802.3u, IEEE 802.3z, IEEE 802.3, IEEE 802.1D, IEEE 802.1W,  
IEEE 802.1s, IEEE 802.3x, IEEE 802.1Q, IEEE 802.1p, IEEE 802.1x

### Interfaces

Fiber interfaces: 100Base-FX (SC/FC/ST)  
1000Base-X (SC/FC/ST)  
RJ45 interface: 10/100Base-T(X), auto MDI/MDI-X

### LED indicator light

Power indicator light, Network indicator light, alarm indicator light, Running indicator light.

### Power consumption

Max. input power consumption 400mA@24Vmax

### Transmission Distance

Cat.5e: 100m  
Fiber Patch Cord  
Single-mode: 1310nm 20/40/60Km  
1550nm 80/100/120Km  
Multi-mode: 1310nm 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

**Mechanical Characteristics**

IP protection level: IP40

Installation: DIN-Rail Mounted

**Power Requirement**

Voltage input: 12/24/48 VDC (10.8~52.8VDC) and 110/220 VAC (88~264VAC) /50-60Hz or 110/220VDC(88~264VDC)

Supports redundant dual power input

**Mechanical Dimension**

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

Weight: 930g

Packaging dimension: 250mm x 55mm x 205mm

**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)

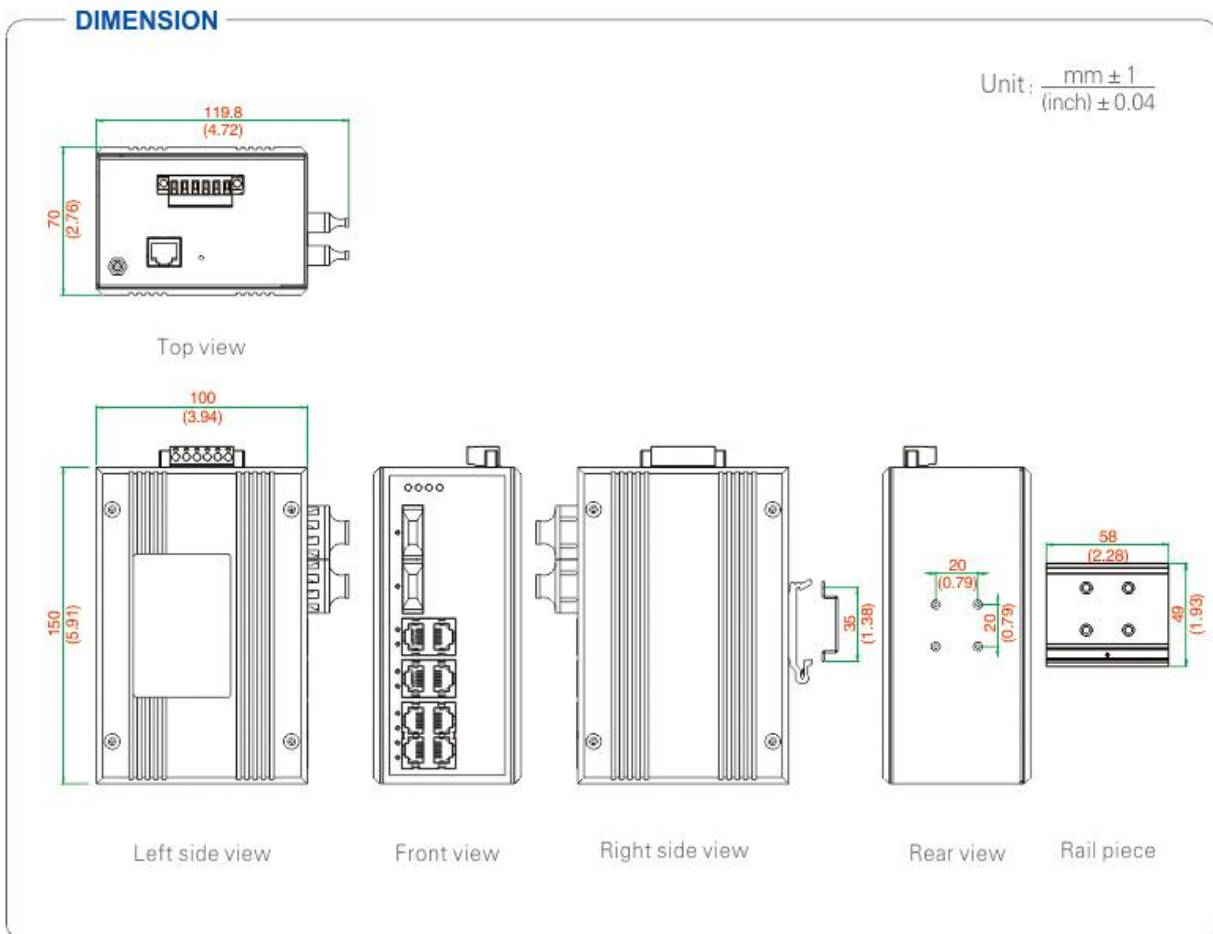
IEC(EN)61000-4-6(CS)

IEC(EN)61000-4-8

IEC60068-2-27( Shock)

IEC 60068-2-32(Freefall)

IEC 60068-2-6(Vibration)



**ORDER INFORMATION**

Model	Interface Description			Optical port type	
	100Base-FX	1000Base-X	10/100Base-T(X)	100Base-FX	1000Base-X
UT-62208F-8T-2GSC-MNF	-	2	8	-	SC
UT-62208F-8T-MNF	-	-	8	-	-
UT-62208F-8T-2GP-MNF	-	2	8	-	SFP
U62208F-4T4SC-MNF	4	-	4	SC	-
UT-62208F-4T2SC-2GSC-MNF	2	2	4	SC	SC
UT-62208F-6T2SC-MNF	2	-	6	SC	-
UT-62208F-6T2SC-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