Rackmount Unmanaged Industrial Ethernet Switch

UT-60424G Series

Rackmount Unmanaged Industrial Ethernet Switch

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- Max supports 28 ports, multiple combination of Ethernet ports and fiber ports
- Supports different fiber ports, with optional ST/SC/FC/SFP slot
- Ethernet ports support full/half-duplex, auto MDI/MDI-X
- Supports store-and-forward
- Supports electrostatic level 4 and surge level 4 protection
- Operating temperature: -40~85℃
- Non-blocking, full line forwarding, reducing network latency
- IP40, fanless design, low power consumption
- Supports power alarm

OVERVIEW

UT-60424G series are unmanaged industrial Ethernet switches. It adopts modular design, meets different industrial communication requirements. This series adopt fanless design, without noise interference; meanwhile, and supports -40~85℃ operating temperature and good EMC to ensure stable operation in harsh industrial environments. Also providing a safe and reliable solution to build a fast and stable access network for industrial applications such as plant automation, intelligent transportation and video surveillance.

SPECIFICATION

Protocol Standards

IEEE802.3, IEEE802.3u, IEEE802.3Z, IEEE802.3ab, IEEE802.3x

Interfaces

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

RJ45 interfaces: 10/100/1000Base-T ports
　　　　　　　　auto-MDI/MDI-X

LED indicator light

Power indicator light, Network indicator light, RJ45

indicator light,　Alarm indicator light, Running indicator light

Transmission Distance

Cat.5e: 100m

Patch cord

Single-mode: 1310nm 20/40/60Km
　　　　　　　　1550nm 80/100/120Km

Multi-mode: 1310nm 2Km

Switching Performance

Transmission mode: store and forward

MAC address size: 16K

Cache size: 12Mb

Backplane bandwidth: 56G

Max. frame length: 9216B

Power Requirement

Voltage input: 110/220VAC(88-264VAC)50-60Hz or
　　　　　　　　110/220VDC(88-264VDC)

Single power input is used for this unit with optional redundant dual power input

Power Consumption

The rated power of the device is 30W

Mechanical Characteristics

IP protection level: IP40

Weight: <4440g

Installation: Rackmount

Mechanical Dimension

Dimension(W x H x D): 440mm x 44mm x 315mm

Operating Environment

Operating temperature: -40℃~85℃

Storage temperature: -40℃~85℃

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)
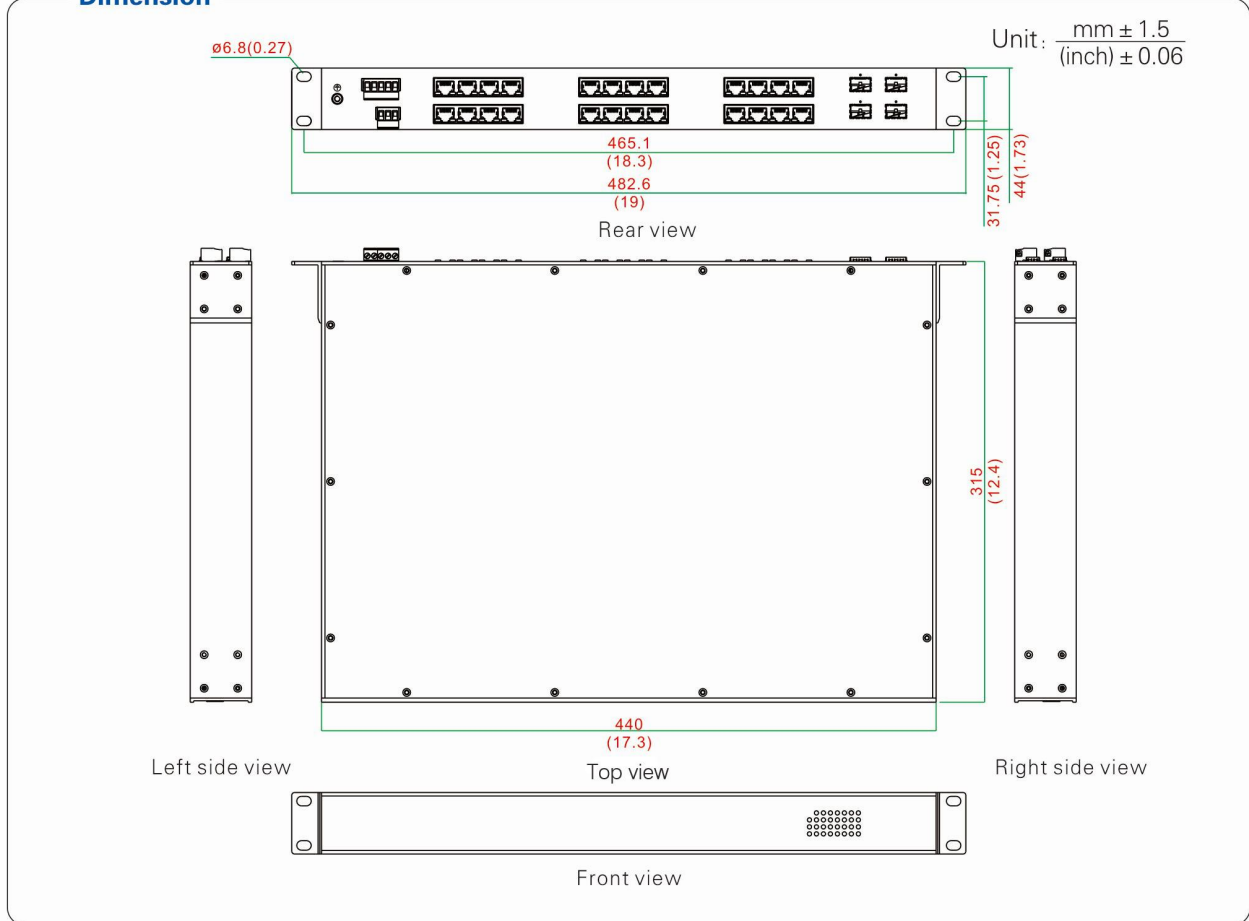
IEC(EN)61000-4-4(EFT)

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)

Dimension

Unit： $\frac{mm \pm 1.5}{(inch) \pm 0.06}$

ø6.8(0.27)

465.1 (18.3)
482.6 (19)
31.75 (1.25)
44(1.73)

Rear view

315 (12.4)

440 (17.3)

Left side view   Top view   Right side view

Front view

ORDER INFORMATION

Model	Interface description		Optical port type
	1000Base-X	10/100/1000Base-T	1000Base-X
UT-60424G-8GT8GSC-BNA	8	8	SC
UT-60424G-8GTBGP-BNA	8	8	SFP
UT-60424G-16GT-BNA	-	16	-
UT-60424G-16GT2GSC-BNA	2	16	SC
UT-60424G-16GT4GSC-BNA	4	16	SC
UT-60424G-16GT8GSC-BNA	8	16	SC
UT-60424G-16GT4GP-BNA	4	16	SFP
UT-60424G-16GT12GSC-BNA	12	16	SC
UT-60424G-16GT12GP-BNA	12	16	SFP
UT-60424G-24GT-BNA	-	24	-
UT-60424G-24GT2GSC-BNA	2	24	SC
UT-60424G-24GT4GSC-BNA	4	24	SC
UT-60424G-24GT4GP-BNA	4	24	SFP

Remarks:

1.The default optical port type of the above products is single-mode dual-fiber SC interface/SFP slot, and optional ST/FC interface.

2.The suffix"F" in "BNF"means 12/24/48VDC 10.8~52.8VDC power input;The suffix"D" in"BND"means 110/220VAC/DC 88~264VAC/DC dual power input.