Rackmount managed Industrial Ethernet Switch

UT-62424G Series

Rackmount managed Industrial Ethernet Switch

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- Supports multiple combination for Gigabit Ethernet ports and fiber ports
- Supports IGMP Snooping filter multicast packet
- Supports IEEE 802.1Q VLAN
- Supports QoS (IEEE 802.1p/1Q) and TOS/ DiffServ
- Supports STP/RSTP and MSTP network redundancy, SNMPv1/v2/v3
- Supports link aggregation, improve network bandwidth
- Supports ACL, enhance network management safety
- Support port mirroring, convenient for online debug
- Supports port transmission rate limitation, broadcast/ multicast/ unknown unitcast storm limitation
- Supports layer 3 switching (static route/Rip/OSPF/VRRP)
- Supports power, port abnormal status relay output alarm function
- Operating temperature: -40~85℃

OVERVIEW

UT-62424G series are full Gigabit managed industrial Ethernet switches. It supports up to 28 Gigabit ports, which include 12 Gigabit fiber ports; this enhances the networking flexibility. This series supports port mirroring, VLAN, IGMP, QoS, Stp/ Rstp/ Mstp, ACL, and other management, such as Console, Telnet, Web, SNMP, and relay alarm output; it supports layer 3 switching technology(static route/Rip/OSPF/VRRP), which provides safe and reliable solution for industrial automation, intelligent transportation, video transmission, and other industrial application networking access.

SPECIFICATION

Protocol Standards

Standards: IEEE802.3, IEEE802.3u, IEEE802.3x, IEEE802.3z,IEEE802.3ab, IEEE802.1Q, IEEE802.1p, IEEE802.1D,IEEE802.1W, IEEE802.1s, IEEE802.3ad, IEEE802.1x

Protocol: ARP, ICMP, TCP, HTTP, HTTPS , Telnet, STP/RSTP/MSTP, LLDP, IGMP, SNMPv1/v2c/v3, DHCP Server, NTP, Syslog

Layer 3 switching technology: Static route, RIP V1/V2, OSPF, VRRP, supports router redundancy Flow control: IEEE802.3x flow control, back pressure flow control.

Interfaces

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

RJ45 interfaces:10/100/1000Base-Tports, auto MDI/MDI-X

LED indication light:

Power indication light, network indication, RJ45 indication light, Alarm indication light, Running indication light.

Transmission Distance

Cat.5e: 100m

Patch cord

Single-mode: 1310nm 20/40/60Km

1550nm 80/100/120Km

Multi-mode: 1310nm 2Km

Switching Performance

Forwarding rate: 1488095pps

Transmission mode: store and forward

MAC address size: 16K

Cache size: 12Mb

Backplane bandwidth: 56G

Max. frame length: 9216B

Host unicast routing table: 512(IPv4),256(IPv6)

Network segment unicast routing table: 64(IPv4/IPv6)

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Power Requirement

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

It adopts single power input, with optional dual power redundant input

Power Consumption

Rated power: 30W

Mechanical Characteristics

IP protection level: IP40

Weight: <4440g

Installation: Rackmount

Mechanical Dimension

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

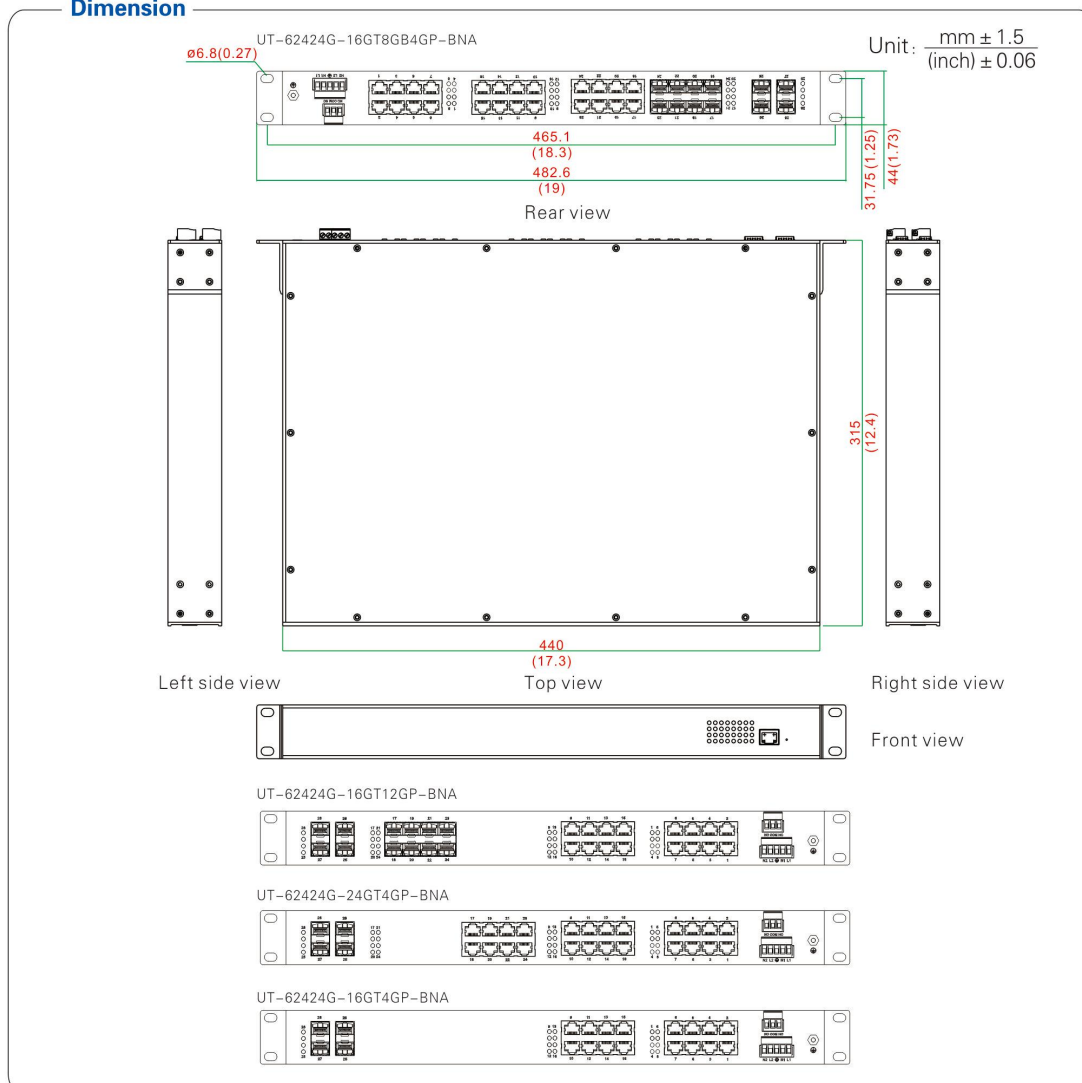Package dimension: 530mm x 108mm x 390mm

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

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ORDER INFORMATION

Model	Interface description		Optical port type
	1000Base-X	10/100/1000Base-T	1000Base-X
UT-62424G-8GT8GSC-BNA	8	8	SC
UT-62424G-8GT8GP-BNA	8	8	SFP
UT-62424G-16GT-BNA	-	16	-
UT-62424G-16GT2GSC-BNA	2	16	SC
UT-62424G-16GT4GSC-BNA	4	16	SC
UT-62424G-16GT8GSC-BNA	8	16	SC
UT-62424G-16GT12GSC-BNA	12	16	SC
UT-62424G-24GT-BNA	-	24	-
UT-62424G-24GT2GSC-BNA	2	24	SC
UT-62424G-24GT4GSC-BNA	4	24	SC

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.