

Model: UT-60020GC Series

(Product Name: 20-Port Full Gigabit Unmanaged Ethernet Switch)



Datasheet

Overview

UT-60020GC series are unmanaged full Gigabit industrial Ethernet switches. It supports up to 4 Gigabit fiber ports and 16 Gigabit RJ-45 ports, this enhances the networking flexibility. This switch is low power consumption; the fan-less design prevents it from noise interference; the operating temperature range is from -40~75°C, it ensures the switch works stable in harsh industrial environment, and makes it provide with safe and reliable solution for industrial automation, intelligent transportation, video surveillance, and other industrial application networking.

Feature

- Supports up to 20 ports, multiple combination for RJ-45 ports and fiber ports
- With optional SC/ST/FC/SFP slot
- Full-duplex and half-duplex, auto MDI/MDI-X
- Supports store-and-forward
- Operating temperature: -40°C~75°C
- Compatible with Telecom standard
- No blocking, full linear forwarding, shorten the network delay
- IP40, fan-less design, low power consumption
- Supports power alarm function

Specification

Protocol Standard

IEEE802.3, IEEE802.3u, IEEE802.3z, IEEE802.3ab, IEEE802.3x

Interface

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

RJ-45 port: 10/100/1000Base-T(X), auto MDI/MDI-X

LED indicator

P1, P2, ALM, Network

Transmission Distance

Cat.5e: 100m

Optical module

Single-mode: 1,310nm 20/40Km
 1,550nm 60/80/100/120Km

Multi-mode: 1,310nm 2Km

Switch property

Forwarding rate: 1,488,095pps

Transmission mode: store-and-forward

MAC address buffer: 8K

Cache size: 4.1Mbit

Switching bandwidth: 40G

Max. frame length: 10KB

Power requirement

Voltage input: 12/24/48VDC(10.8~52.8VDC), with reverse polarity protection

Power consumption

850mA@24V max

Mechanical characteristic

IP rating: IP40

Weight: <1,600g

Installation: DIN-Rail/wall-mounting

Size(W x H x D): 177x68mmx133mm

Package

Size: 250mm x 205mm x 108mm

Environment

Operating temperature: -40°C~75°C

Storage temperature: -40°C~85°C

Relative humidity: 0~95%(non-condensing)

Industrial Standard

EMI: FCC Part 15 Subpart B class A, 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

IEC 60068-2-27(Shock)

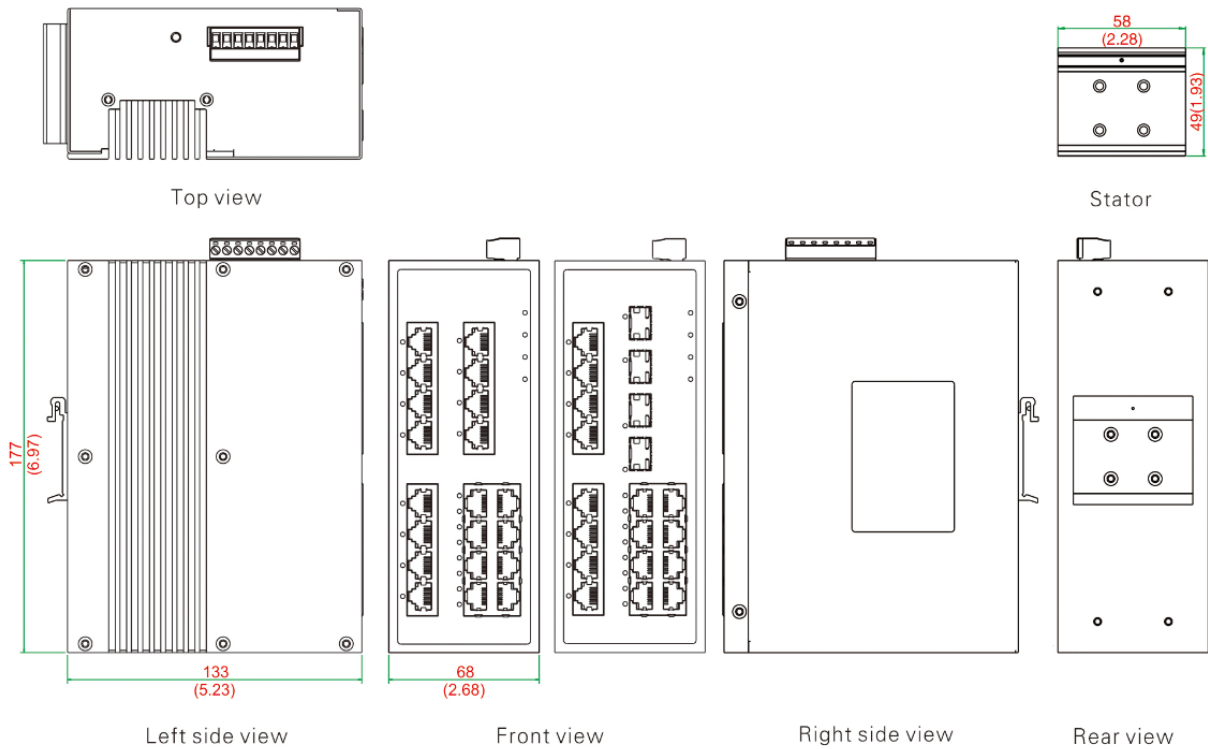
IEC 60068-2-32(Freefall)

IEC 60068-2-6(Vibration)

Dimension

Dimension

Unit: $\frac{\text{mm} \pm 1.0}{(\text{inch}) \pm 0.04}$



Ordering

Model No.	Interface		Fiber port type
	1000Base-X	10/100/1000Base-T	1000Base-X
UT-60020GC-16GT-RNF	-	16	-
UT-60020GC-16GT4GP-RNF	4	16	SFP slot
UT-60020GC-16GT4GSC-RNF	4	16	SC

Note:

1. Single mode dual fiber SC port or SFP slot is a standard configuration for fiber ports of products above mentioned, with optional ST/FC.
2. The "F" in suffix "RNF" indicates 12/24/48VDC (10.8-52.8VDC) power input.