

DIN-Rail Unmanaged Industrial Ethernet Switch



UT-60020G Series

20-Port Full Gigabit Unmanaged Ethernet Switch



UOTEK TECHNOLOGY (SHENZHEN) CO.,LTD.

Address: Floor 9-10, Building 7, Skyworth Innovation Valley, No. 8, Tangtuo No.1 Road, Shiyan Street, Bao 'an District, Shenzhen

Tel: +86-755-81202008

Website: www.uotek.com





- Supports up to 20 ports, multiple combination for RJ-45 ports and fiber ports
- With optional SC/ST/FC/SFP ports
- Supports full-duplex and half-duplex, auto MDI/MDI-X
- Supports store-and-forward
- Operating temperature: -40°C~75°C
- Compatible with Telecom standard, MTBF > 500,000 hours
- No blocking, full linear forwarding, shorten the network latency
- IP40, fanless design, low consumption
- Supports power alarm function



OVERVIEW

UT-60020G is a full Gigabit Unmanaged industrial Ethernet switch. It supports up to 4 Gigabit fiber ports and 16 Gigabit RJ-45 ports, this series of switches is with low power consumption, fanless design; at the same time, it supports -40°C~75°C operating temperature; it is with good EMC performance. All these can work stable in harsh industrial environment; it provides safe and reliable solution for industrial automation, intelligent transportation, video monitoring, and other industrial application networking access.

SPECIFICATION

Standards

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

Ports

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

RJ45 port: 10/100/1000Base-T(X), auto MDI/MDI-X

LED Indicator: P1, P2 Power Indicator, Power failure light, Running indicator light, Network indicator light

Transmission Distance

Cat.5e: 100m

Fiber module

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

Multi-mode: 1,310nm 2Km

Switching Performance

Gigabit Ethernet port: 1,488,095pps

Transmission mode: store-and-forward

MAC address size: 16K

Buffer size: 12Mb

Backplane bandwidth: 40G

Max. frame length: 9216B

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

The rated power of the device is 15W (see product label for detailed power consumption of the product)

Mechanical Characteristics

IP protection level: IP40

Weight: <1600g

Installation: DIN-Rail

Dimension

Size (W×H×D) : 150 mm×70mm×120mm

Package dimension

250mm×205mm×108mm

Environment

Operating temperature: -40°C~75°C

Storage temperature: -40°C~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)

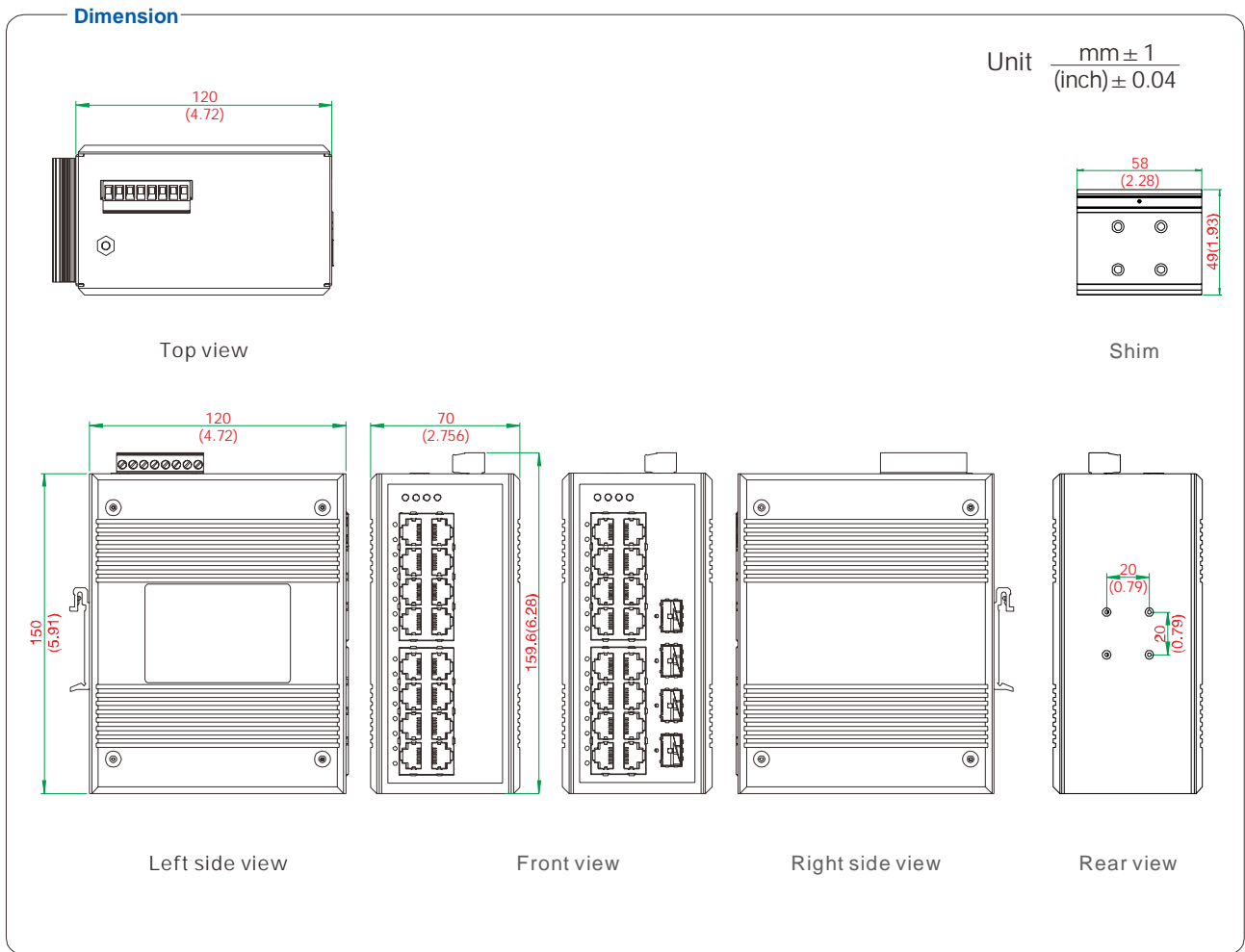
IEC(EN)61000-4-5(Surge)

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

IEC(EN)61000-4-8

IEC 60068-2-27(Shock)

IEC 60068-2-32(Freefall)



ORDER INFORMATION

Product model	Port description		Fiber port type
	1000Base - X	10/100/1000Base - T	1000Base - X
UT-60020G-16GT4GP-BNF	4	16	SFP
UT-60020G-16GT-BNF	-	16	-
UT-60020G-16GT4GSC-BNF	4	16	SC

Remarks:

1. Single-mode dual-fiber SC port/SFP slot is a standard configuration for products above mentioned, with optional ST/FC
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