IES3020G-4GS

16-port 10/100/1000BaseT(x) Ethernet + 4-port Gigabit SFP slot

Unmanaged Industrial Ethernet Switch

Features

- Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.3z/ab

- Support 16-port 10/100/1000Base-T(x) and 4-port Gigabit SFP

- Support MAC address auto-learning, auto-aging

- Support 10K MAC address

- Support 56Gbps backboard bandwidth

- Support redundancy DC power supply 48VDC

- Industrial grade 4 design, -40-75℃ work temperature

- IP40 protection grade, DIN-Rail mounting
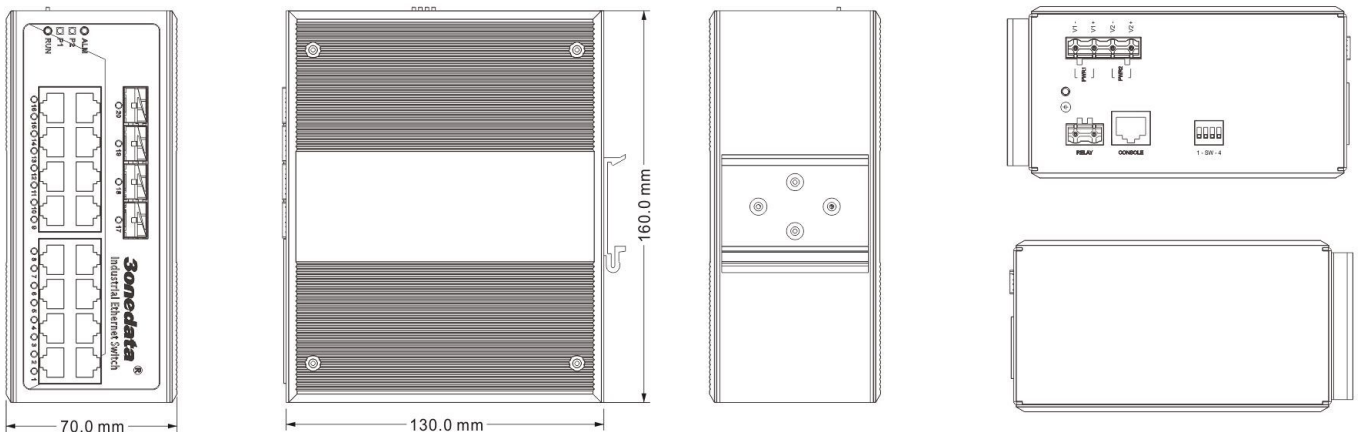
ISO 9001 UCS   CNAB   IAF   FC   CE   RoHS

Introduction

IES3020G-4GS is an industrial grade, unmanaged Ethernet switch which supports 16 Gigabit Ethernet Ports and 4 Gigabit SFP slots. Standard Industry design, can satisfied every requirement of the industry scene. All components used industry grade, it takes products high reliability. It provided wide voltage power supply input.

Product accorded to CE, FCC standard and Industry grade 4 design requirement, support 2 channel DC power input and -40～75 ℃ working temperature, can meet all kinds of Industrial environment requirement and provide the solution of the economy.

Dimension

Unit (mm)

Specification

Technology

Standard: Support IEEE802.3, IEEE802.3u, IEEE802.3z/ab

Flow control: IEEE802.3x flow control, back press flow control

Exchange attribute

100M forward speed: 148810pps

1000M forward speed: 1488100pps

Transmit mode: store and forward

Backplane bandwidth: 56G

MAC table size: 10K

Buffer size: 12M

Interface

Gigabit RJ45 port: 10Base-T/100Base-TX/1000Base-TX auto speed control, Half/full duplex and MDI/MDI-X auto detect

Gigabit SFP port: 1000Base-X, LC connector

Console port: Reserved

Alarm port: 2 bit terminal block

1 channel relay alarm output

Transfer distance

Twisted-pair: 100m(standard CAT5/CAT5e cable)

Multi-mode: 1310nm, 2Km

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

1550nm, 80/100/120Km

LED indicator

Run indicator: RUN

Interface indicator: Link (G1~G20)

Power supply indicator: P1, P2

Alarm indicator: ALM

Power supply

Input Voltage: 48VDC

Type of input: 4 bits terminal block

support reverse connection

support redundant power supply

Consumption

No-load consumption: 11.04W@48VDC

Full-load consumption: 14.88W@48VDC

Working environment

Working temperature: -40~75℃

Storage temperature: -40~85℃

Relative Humidity: 5%~95 %(no condensation)

Mechanical Structure

Shell: IP40 protection, metal shell

Installation: DIN-Rail mounting

Weight: 1080g

Size (W×H×D): 70mm×160mm×130mm

Industry Standard

EMI: FCC Part 15, CISPR (EN55022) class A

EMS: EN61000-4-2 (ESD), Level 4

EN61000-4-3 (RS), Level 3

EN61000-4-4 (EFT), Level 4

EN61000-4-5 (Surge), Level 4

EN61000-4-6 (CS), Level 3

EN61000-4-8, Level 5

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

Certification

CE, FCC, RoHS, UL508 (Pending)

Warranty: 5 years

Packing List

1. Industrial Ethernet Switch ×1

2. User manual × 1

3. Certificate of quality × 1

4. Warranty card × 1