

IES3012G-4GS-P(12/48VDC)

8 port 10/100/1000M + 4 port SFP Gigabit

Unmanaged DIN-rail Industrial Ethernet switch

Features

- ◎ Support IEEE802.3/IEEE802.3u/IEEE802.3x/IEEE802.3z store and forward.
- ◎ Support 8 port 10Base-T/100Base-TX/1000 Base-TX and 4 port 1000Base-X SFP gigabit.
- ◎ Support MAC address automatic learning, automatic aging.
- ◎ Support 8 KMAC address table.
- ◎ System exchange bandwidth 24 Gbps
- ◎ Ethernet port support full/half duplex mode, MDI/MDI-X
- ◎ Support 12~48VDC power input, built-in over-current protection, Reverse connection protection
- ◎ Working temperature: -40°C~70°C, Storage temperature: -40°C~80°C.
- ◎ No fan, low consumption, Industrial design standard
- ◎ IP40 protection grade, high strength iron shell, DIN-rail mount



Introduction

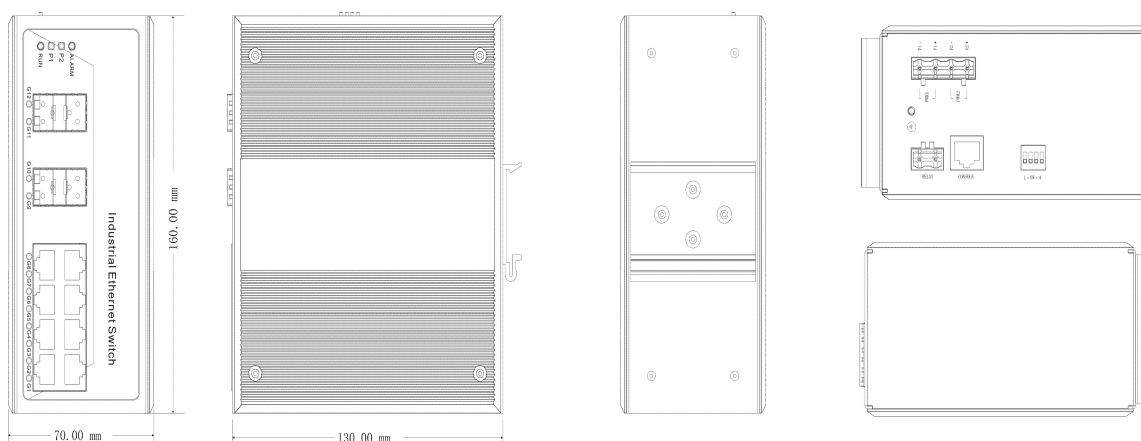
IES3012G-4GS-P(12/48VDC) is a kind of industrial, unmanaged, gigabit Ethernet switch. It supports 8 port 10Base-T/100Base-TX/1000 Base-TX Ethernet port and 4 port 1000Base-X SFP fiber port. The products are all electrical support automatic flow control, full / half duplex mode and adaptive MDI/MDI-X.

No fan, low consumption design, working function more steadily.

It accorded with FCC, CE standard, industrial design requirement, it can work steadily in -40°C~70°C working temperature, it can provide reliable and quickly solution for your Ethernet device

Dimension and appearance

Unit (mm)



Specification

Technology:

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

Flow control: back press flow control

Interface:

Gigabit SFP port: 1000Base-FX (SFP port)

Gigabit Ethernet port: 10Base-T/ 100Base-TX/ 1000Base-TX, RJ45 port, full/half duplex mode and MDI/MDI-X auto detect

Alarm port: 2 bit 7.62mm Terminal block

1 channel relay alarm output

Exchange attribute:

1000M forward speed: 1488100pps

1000M maximum filter speed: 1488100pps

Transfer mode: Store and forward

Bandwidth: 24G

Buffer Memory: 512KB

MAC address table: 8K

Led indicator:

Power: P1,P2

Alarm indicator: Alarm

Run indicator: Run

Gigabit port connection / running status indicator: Link/Act (G1~G12)

Transfer distance:

Twisted-cable: 100M (CAT5/CAT5e)

Multi-mode: 1310nm, 2Km

1310nm, 5Km

Single mode: 1310nm, 20Km

1310nm, 40Km

1310nm, 60Km

1550nm, 80Km

Power supply:

Power input: 24VDC (12~48VDC)

Terminal block: 4 bit 7.62mm separation distance

No-load power consumption: 4.85W@24VDC

Full-load power consumption: 10.32W@24VDC

Support redundant protection

Support over-current protection

Support reverse connection protection

Environmental:

Working temperature: -40℃~70℃

Storage temperature: -40℃~80℃

Relative humidity: 5%~95% (no condensing)

Mechanical:

Shell: IP40, high strength iron shell

Installation: DIN Rail

Weight: 950g

Dimension (W×H×D): 160mm×70mm×130mm

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

Warranty

Warranty time: 5 years

Certificate:

CE, ,FCC, RoHS, UL508(Pending)

Ordering information

Option model	Port		Power supply range
Wide temperature (-40℃~80℃)	Gigabit fiber port (SFP)	Gigabit Ethernet port	12~48VDC
IES3012G-4GS-P	4	8	