

IES2010-2GS-4F

4 10/100M Ethernet ports + 4 100M Fiber ports + 2 Gigabit Fiber ports

Unmanaged Industrial Ethernet Switch

Features

1. Support 4 10/100M Ethernet ports, 4 100M fiber ports (SC/FC/ST) and 2 Gigabit Ethernet ports (SFP slots)
2. Support IEEE802.3/802.3u /802.3x
3. Support 10/100M, half/full duplex, MDI/MDI-X
4. Support broadcast storm shield
5. DC12~48V Power input
6. Support industrial grade 4 level
7. IP30 protection, metal shell, DIN Rail



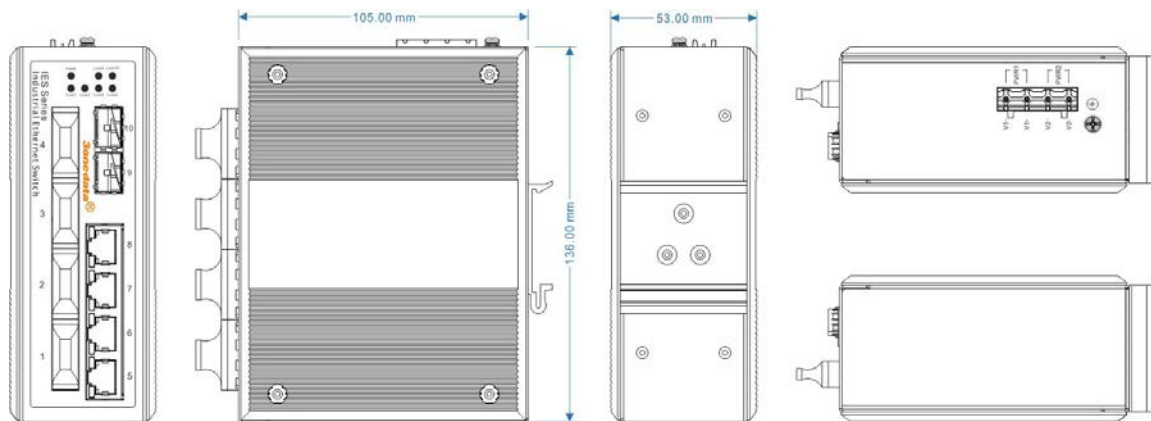
Introduction

IES2010-2GS-4F is a type of plug-and-play industrial unmanaged redundant Ethernet switch, which supports 4 10/100M Ethernet ports, 4 100M fiber ports (SC/FC/ST) and 2 gigabit Ethernet ports (SFP slots). No fan, low consumption and industrial grade design. More

steadily work capability. To satisfy applications in different industrial environments, IES2010-2GS-4F can also provide wide temperature type in accommodation with limit temperature (-40 ~ 75°C) and we have got CE, FCC approvals.

Dimension

Unit (mm)



Specification

Technology:

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

Flow control: IEEE802.3x

Exchange attribute

100M forward speed: 148810pps

1000M maximum filter speed: 1488100pps

Transmit mode: store and forward

System exchange bandwidth: 7.6G

MAC address table: 8K

Memory: 1M

Interface:



RJ45 Ports: 10/100BaseT(X) auto connection, Full /Half duplex or force work mode, and support MDI/MDI-X connection

100M optic fiber port: 100Base-FX, SC/ST/FC connector, support single mode (20/40/60/80Km optional), multi mode (2Km), wavelength: 1310nm, 1550nm

Gigabit Fiber Ports: 1000BaseSX/LX/LHX/ZX (LC)

LED indicator: PWR, Link/ACT

Transfer distance

Twisted cable: 100M (standard CAT5/CAT5e cable)

Multi-mode: 1310nm, 2/5Km

Single-mode: 1310nm, 20/40/60Km
1550nm, 80/100/120Km

Power:

Input power: 24VDC (12~48VDC)

Input type: 4 bits terminal block

No-load consumption: 5.9W

Full-load consumption: 7.3W

Environmental

Operating Temperature: -40°C to 75°C

Storage Temperature: -45°C to 85°C

Relative Humidity: 5 to 95% (non-condensing)

Mechanical

Shell: IP30 protection, metal case

Installation: DIN Rail mounting

W×H×D: 136mm×53mm×105mm

Weight: 900g

Approvals:

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: 5 years

Approvals: CE, FCC, RoHS, UL508 (Pending)

Ordering Information

IES2010-2GS-4F (M): 2 port Gigabit SFP slot + 4 port 10/100Baes-T(X) + 4 port 100Base-FX Multi-mode SC/ST/FC, 12-48VDC

IES2010-2GS-4F (S): 2 port Gigabit SFP slot +4 port 10/100Baes-T(X) + 4 port 100Base-FX Single-mode SC/ST/FC, 12-48VDC

IES2010-2GS-4F (SS): 2 port Gigabit SFP slot +4 port 10/100Baes-T(X) + 4 port 100Base-FX single-mode, single fiber SC/ST/FC, 12-48VDC

Packing List

- 1. Industrial Ethernet switch IES2010-2GS-4F (plus terminal block) ×1
- 2. User manual × 1
- 3. Certificate of quality × 1
- 4. Warranty card × 1