



IES2010 Series

DIN-Rail Mounting or Wall Mounting

10-port 100M/Gigabit Layer 2 Unmanaged Industrial Ethernet Switch

- Support 2 gigabit fiber ports(SFP slot), 4 100M copper ports and 4 100M fiber or copper ports optional
- Support dual power supply, input voltage: 12~48VDC
- Support -40~75°C wide operating temperature range



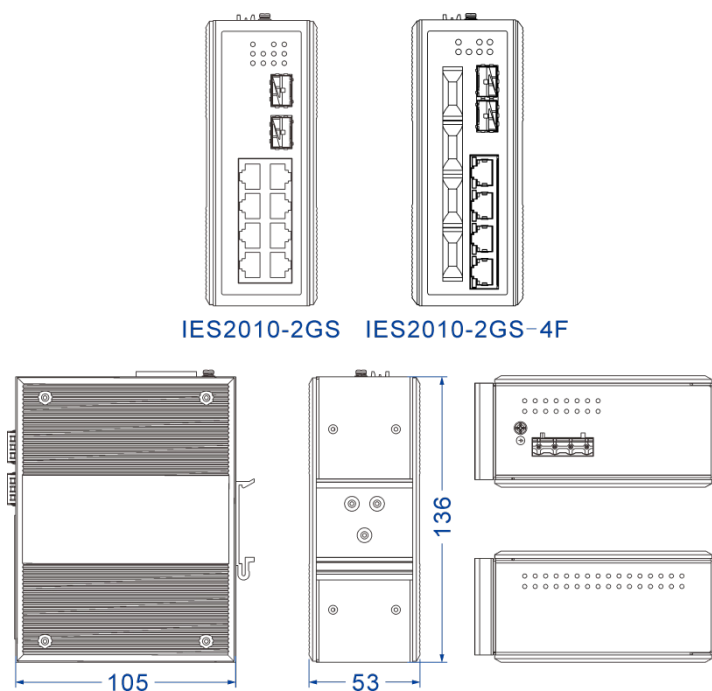
Introduction

IES2010 series are 10-port 100M/gigabit combination unmanaged industrial Ethernet switches. The series include two types of products and provide multiple ports like 100M fiber and copper ports, and gigabit SFP slots. They also adopt DIN-Rail mounting or wall mounting, which can meet the requirements of different application scenes.

The input power supply is two independent power supply circuits which can ensure the normal operation of the device when one power supply fails. Hardware adopts fanless, low power consumption, wide temperature and voltage design and has passed rigorous industrial standard tests, which can suit for the industrial scene environment with harsh requirements for EMC. It can be widely used in smart grid, railway transportation, smart city, safe city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

Dimension

Unit:mm



Specification

Standard & Protocol

IEEE 802.3 for 10Base-T
IEEE 802.3u for 100Base-TX and 100Base-FX

	IEEE 802.3z for 1000Base-X									
Interface	Copper port: 10/100Base-T(X), RJ45, Automatic Flow Control, Full/Half Duplex Mode, MDI/MDI-X Autotuning Fiber port: 100Base-FX, SC/ST/FC optional SFP slot: 1000Base-SFP									
LED Indicator	Power Supply Indicator, Port Indicator									
Switch Property	Transmission mode: store and forward MAC address: 8K Packet buffer size: 1Mbit Backplane bandwidth: 7.6G Switch time delay: <10μs									
Power Requirement	12~48VDC, 4-pin 7.62mm pitch terminal blocks Dual power supply redundancy, non-polarity, reverse connection protection									
Power Consumption	<table border="1"> <thead> <tr> <th>Model</th> <th>No-load(@24VDC)</th> <th>Full-load(@24VDC)</th> </tr> </thead> <tbody> <tr> <td>IES2010-2GS</td> <td>1.70W</td> <td>6.29W</td> </tr> <tr> <td>IES2010-2GS-4F</td> <td>5.95W</td> <td>7.34W</td> </tr> </tbody> </table>	Model	No-load(@24VDC)	Full-load(@24VDC)	IES2010-2GS	1.70W	6.29W	IES2010-2GS-4F	5.95W	7.34W
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IES2010-2GS	1.70W	6.29W								
IES2010-2GS-4F	5.95W	7.34W								
Environmental Limit	Operating temperature range: -40~75℃ Storage temperature range: -40~85℃ Relative humidity: 5% ~ 95%(no condensation)									
Physical Characteristic	Housing: IP30 protection, metal Installation: DIN-Rail mounting or wall mounting Dimension (W x H x D): 53mm×136mm×105mm									
Industrial Standard	<p>IEC 61000-4-2 (ESD), Level 4</p> <ul style="list-style-type: none"> Air discharge: ±15kV Contact discharge: ±8kV <p>IEC 61000-4-4 (EFT), Level 4</p> <ul style="list-style-type: none"> Power supply: ±4kV Ethernet port: ±2kV Relay: ±4kV <p>IEC 61000-4-5 (Surge), Level 4</p> <ul style="list-style-type: none"> Power supply: common mode±4kV, differential mode±2kV Ethernet port:±2kV Relay: common mode±4kV, differential mode±2kV 									

	IEC 61000-4-6 (CS), Level 3 <ul style="list-style-type: none">• Test level: 10V• Frequency range: 180kHz-80MHz Shock: IEC 60068-2-27 Free fall: IEC 60068-2-32 Vibration: IEC 60068-2-6
Certification	CE, FCC, RoHS
Warranty	5 years



Ordering Information

Available Models	Gigabit SFP Slot	100M Copper Port	100M Fiber Port	Power Supply Range
IES2010-2GS	2	8	—	12~48VDC
IES2010-2GS-4F	2	4	4	dual power supply



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