



IES1024 Series

1U Rack Mounting

24-port 100M Layer 2 Unmanaged Industrial Ethernet Switch

- Support maximum 24 optional fiber and copper Ethernet ports
- Input power supply 100~240VAC
- Support -40~75°C wide operating temperature range



Industrial Grade

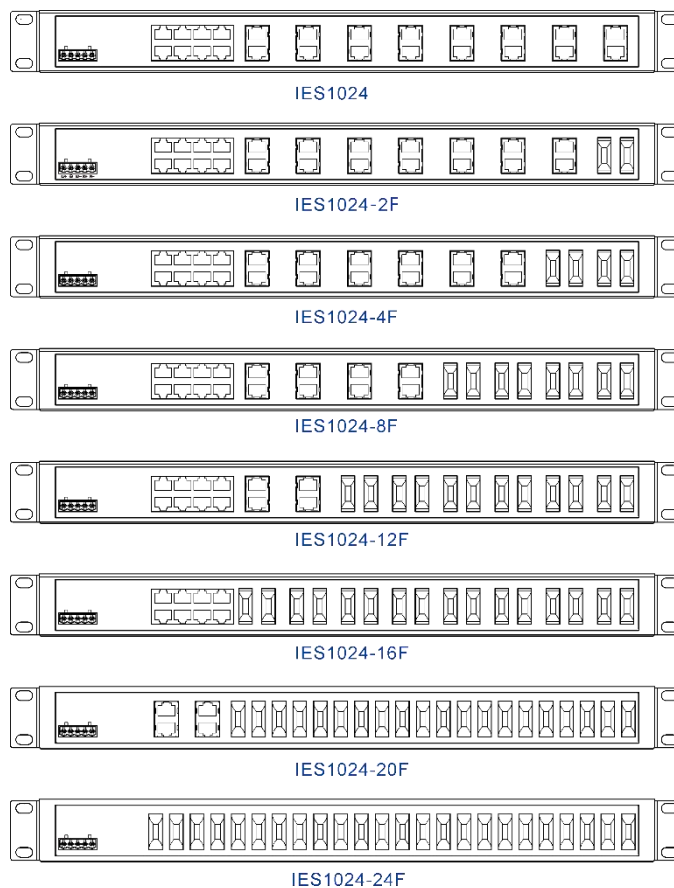
Introduction

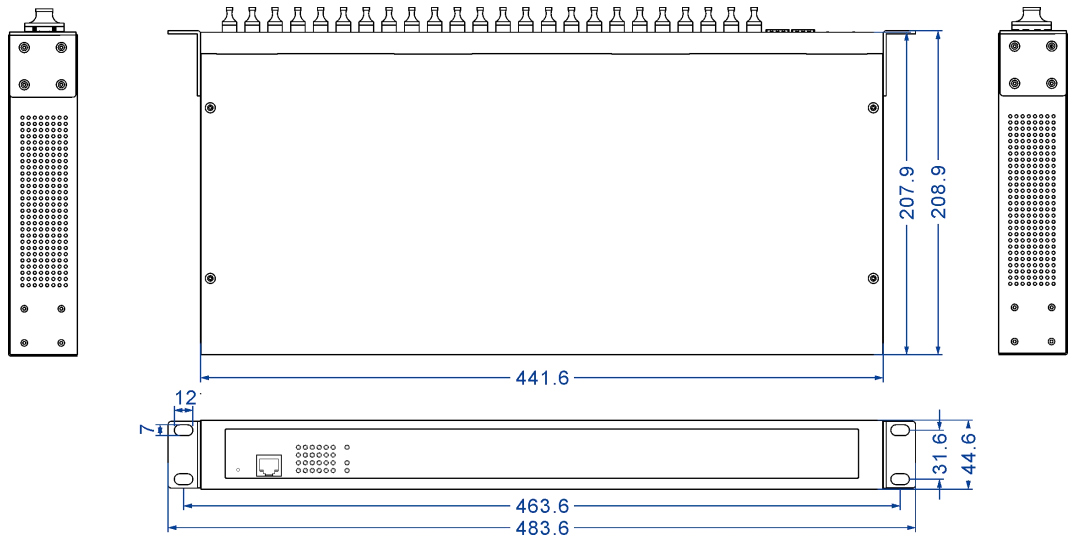
IES1024 series are 24-port 100M layer 2 unmanaged industrial Ethernet switches. This series include eight types of products and provide full 100M copper ports, full 100M fiber ports, 100M copper/fiber ports. They adopt rack mounting to meet the requirements of different application scenes.

The products conform to FCC, CE standard and adopt industrial grade 4 design. 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, rail transit, smart city, safety city, new energy, aerospace, intelligent manufacturing, military project and other industrial fields.

Dimension

Unit:mm





Specification

Standard & Protocol	IEEE 802.3 for 10Base-TX IEEE 802.3u for 100Base-TX and 100Base-FX		
Interface	Copper port: 10/100Base-TX, RJ45, Automatic Flow Control, Full/half Duplex Mode, MDI/MDI-X Autotuning Fiber port: 100Base-FX		
LED Indicator	Running Indicator, Port Indicator, Power Supply Indicator		
Switch Property	Transmission mode: store and forward MAC address: 8K Packet buffer size: 3M Backplane bandwidth: 12.8G Switch time delay: < 10		
Power Requirement	100-240VAC/DC		
Power Consumption	Model	No-load (@220VAC)	Full-load (@220VAC)
	IES1024	6.9W	9.4W
	IES1024-2F	8.2W	10.7W
	IES1024-4F	9.5W	12W
	IES1024-8F	12.1W	14.6W
	IES1024-12F	14.7W	17.2W
	IES1024-16F	17.3W	19.8W
	IES1024-20F	18.8W	20.7W
IES1024-24F	21.4W	22.9W	
Environmental Limit	Operating temperature range: -40~75°C		

	Storage temperature range: -40~75°C Relative humidity: 5% ~ 95% (no condensation)
Physical Characteristic	Housing: IP30 protection, metal Installation: 19 inches rack mounting Dimension (W x H x D): 441.6mm×44.6mm×207.9mm
Industrial Standard	IEC61000-4-2 (ESD) , Level 4 <ul style="list-style-type: none">● Air discharge: 15kV● Contact discharge: 8kV IEC61000-4-4 (EFT), Level 4 <ul style="list-style-type: none">● Power supply: ±4kV● Ethernet interface: ±2kV● Relay: ±4kV IEC61000-4-5 (Surge), Level 4 <ul style="list-style-type: none">● Power supply: common mode ±4kV, differential mode ±2kV● Ethernet interface: ±4kV <ul style="list-style-type: none">● 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	100M Fiber Port	100M Copper Port	Power Supply Range
IES1024	-	24	100~240VAC/DC
IES1024-2F	2	22	
IES1024-4F	4	20	
IES1024-8F	8	16	
IES1024-12F	12	12	
IES1024-16F	16	8	
IES1024-20F	20	4	
IES1024-24F	24	-	



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