



IE-4010-4S24P-E DataSheet

Cisco IE-4010-4S24P-E offers 4 SFP uplinks and 24 PoE/PoE+ ports for rugged industrial Ethernet networks, supporting secure, high-speed, rack-mount deployments.

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IE-4010-4S24P-E Description

IE-4010-4S24P-E is a Cisco Industrial Ethernet 4010 Series switch featuring 4 SFP fiber uplink ports and 24 Gigabit PoE/PoE+ copper ports. Designed for demanding industrial networks, this high-density, rack-mount switch delivers secure, high-speed Layer 2/3 connectivity for smart factories, utilities, transportation, and city infrastructure. With Cisco IOS security, advanced redundancy protocols, and a robust, fanless design for extreme temperatures, IE-4010-4S24P-E ensures reliable power and data to critical devices across harsh environments.

Product Highlights

Ethernet Ports

PoE Ports

Switching Capacity

Quick Specs

Key Parameter	Value
SFP Uplink Ports	4

Copper PoE Ports	24
Switching Capacity	56 Gbps
Forwarding Rate	41.67 Mpps
Operating Temp.	-40 to 75°C
Power Supply	Redundant AC/DC
Software	LAN Base
Mounting	19" Rack

Key Features

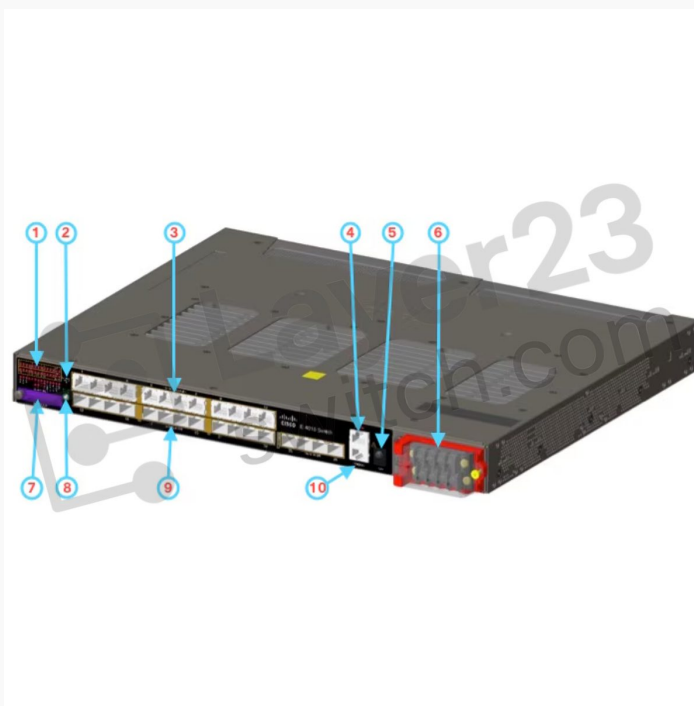
Rugged Industrial Ethernet Switch Product Comparison

Model	SFP Uplink Ports	Copper Ports	PoE Ports	Switching Capacity	Forwarding Rate	Operating Temp.	Power Supply	Software	Mounting
IE-4010-4S24P-E	4	24	24	56 Gbps	41.67 Mpps	-40 to 75°C	Dual AC/DC, redundant	LAN Base	19" Rack
IE-4000-8GT8GP4G-E	4	8	8	20 Gbps	Line rate	-40 to 70°C	Redundant DC	LAN Base	DIN Rail
IE-3400-8P2S-E	2 (SFP)	8	8	20 Gbps	Line rate	-40 to 75°C	Redundant DC	Essentials	DIN Rail

Front Panel Overview

The illustrations in this section provide an overview of the variety of components available on the various switch models in this product family. Not all models are illustrated.

1	LEDs	6	Power-input terminal
2	Express Setup button	7	Flash memory card slot
3	Twelve 10/100/1000 PoE/PoE+ Ports (Downlinks)	8	Display mode button
4	Alarm port	9	Twelve 100/1000 SFP Ports
5	USB (mini-Type B) console port	10	Console port



Specification

Parameter	Value	Parameter	Value
Model	IE-4010-4S24P-E	Series	Industrial Ethernet 4010
Ports	28 (4 SFP, 24 copper)	SFP Uplinks	4 (1G/100M/FE/GE)

Parameter	Value	Parameter	Value
Copper PoE/PoE+ Ports	24	Max PoE Budget	Up to 385W (with dual PSU)
Switching Capacity	56 Gbps	Forwarding Rate	41.67 Mpps
MAC Addresses	16,000	VLANs	1,000
IGMP Groups	1,000	Queues	4 egress
Layer 3 Routing	IPv4 Static, OSPF, EIGRP, etc. (w/ upgrade)	IPv6 Support	Yes
Industrial Protocols	CIP, PROFINET, Modbus TCP, SCADA	Time Sync	IEEE 1588 PTPv2
Redundancy	REP, PRP, MRP, HSR, EtherChannel	SD Card	1 GB (included)
Alarm Inputs	4	Alarm Outputs	1 relay
Power Supply	Dual AC/DC redundant	Max Input Current	See datasheet (depends on PSU)
Power Consumption	Max 70W (excl. PoE)	Operating Temperature	-40 to 75°C
Storage Temperature	-40 to 85°C	Humidity	5%-95% non-condensing
Dimensions (H×W×D)	1.75 x 17.5 x 14 in. (44.5 x 44.5 x 35.6 cm)	Weight	~12.1 lbs (5.46 kg)
Mounting	19" Rack	Software	LAN Base (upgradeable)
Management	Web GUI, CLI, Cisco Catalyst Center	Security	802.1x, DAI, DHCP Snooping, MACsec
QoS	Ingress policing, AutoQoS	Certifications	UL, CSA, EN 60950-1, ATEX, DNV, TAA
Warranty	5 years	MTBF	429,620 hours

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