

BRAND NEW & VERIFIED



VERIFIED PRODUCT DATASHEET

IE-4010-16S12P

Cisco Network Hardware Specification, Availability and Quote Reference

Product Model	IE-4010-16S12P
Document Type	Product Datasheet
Condition	Brand New, Original and Verified
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IE-4010-16S12P Datasheet

The Cisco IE-4010-16S12P datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the IE-4010-16S12P and integrate it into enterprise or service provider networks with confidence.



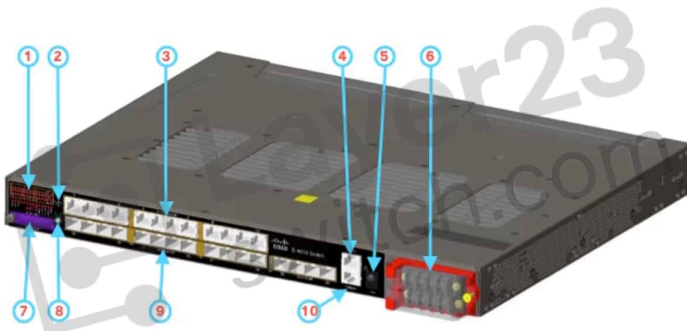
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Key Features

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-4010-16S12P	Series	Industrial Ethernet 4010
SFP Access Ports	16	Copper PoE/PoE+ Ports	12
SFP Uplink Ports	4 (FE/GE)	Max PoE Budget	Up to 360W (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

Parameter	Value	Parameter	Value
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	~12.7 lbs (5.78 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	415,160 hours

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- WhatsApp: [+8617181189993](tel:+8617181189993)
- Wechat: [layer23-switch](https://www.wechat.com/qrcode/index?qr=layer23-switch)
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