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## VERIFIED PRODUCT DATASHEET

**IE-9320-24T4X-E**

Cisco Network Hardware Specification, Availability and Quote Reference

<b>Product Model</b>	<b>IE-9320-24T4X-E</b>
<b>Document Type</b>	<b>Product Datasheet</b>
<b>Condition</b>	<b>Brand New, Original and Verifieded</b>
<b>Supplier</b>	<b>Layer23-Switch.com</b>

<b>200+</b> Countries Sold	<b>18,000+</b> Customers Trusted	<b>\$20M</b> Inventory Available	<b>1-Year</b> Warranty Support
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## IE-9320-24T4X-E Datasheet



The Cisco IE-9320-24T4X-E datasheet provides verified specifications, key features, and application scenarios. This document helps engineers and IT buyers quickly evaluate the IE-9320-24T4X-E and integrate it into enterprise or service provider networks with confidence.

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### Key Features

#### High-Speed 10G Backbone

Features four 1/10 Gigabit SFP+ uplink ports to enable high-bandwidth aggregation. This ensures non-blocking data transmission for data-heavy industrial applications, linking access rings directly to the core network.

#### 24-Port High Density Copper

Provides 24 Gigabit Ethernet RJ45 ports dedicated to data connectivity. This configuration is optimized for connecting non-powered devices such as industrial controllers, drives, and server racks where PoE is unnecessary.

#### Scalable Hardware Stacking

Supports stacking of up to 4 switches, creating a unified management plane with up to 112 ports. This simplifies configuration and troubleshooting in high-density control cabinets while offering redundancy.

#### Utility-Grade Ruggedization

Certified for IEC 61850-3 and IEEE 1613, making it ideal for electrical substations. The fanless, convection-cooled design ensures continuous operation in dusty, vibrating environments with temperatures ranging from -40°C to 75°C.

#### OT-Optimized Security

Includes advanced security features like Secure Boot, Cisco TrustSec, and MACsec-128 encryption. Integrated Cisco Cyber Vision sensors provide deep visibility into connected industrial assets and communication patterns.

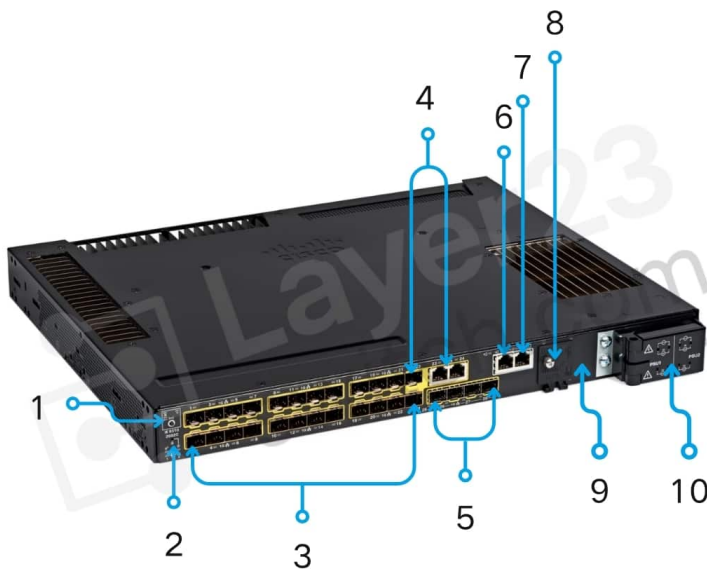
#### Precision Industrial Protocols

Natively supports EtherNet/IP (CIP), PROFINET, and IEEE 1588v2 PTP (Precision Time Protocol). Ensures seamless integration with automation systems and microsecond-level synchronization for critical control loops.

## IE-9320-24T4X-E 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	Display mode button	6	Alarms
2	Express Setup button	7	RJ-45 console port
3	Ethernet RJ-45 downlinks	8	(Beneath cover) Micro-USB console port, USB-A host port, and SD slot
4	Dual-media downlink ports	9	Stacking interface (IE9320 switches only)
5	Ethernet SFP uplinks	10	AC/DC power input



## Specification

Parameter	Details	Parameter	Details
Dimensions (H x W x D)	4.37 x 44.45 x 35.56 cm (1.72 x 17.5 x 14.0 in)	Weight	4.3 kg (9.5 lb)
Rack Units	1 RU	Mounting	Rack Mount
Total Ports	28	Stacking Ports	2

Parameter	Details	Parameter	Details
Copper Downlinks	24x 10/100/1000 RJ45 (Data)	Fiber Uplinks	4x 1/10G SFP+
Forwarding Rate	95.23 Mpps	Switching Bandwidth	128 Gbps
DRAM	4 GB	Flash Memory	8 GB (approx 2.5 GB User Accessible)
MAC Addresses	24,000	VLAN IDs	4096
PoE Capability	No	Power Consumption	35W (Typical)
Power Inputs	Dual AC/DC (Modular)	Input Voltage (AC)	85-264VAC
Operating Temp	-40°C to +75°C	Storage Temp	-40°C to +85°C
MTBF	651,580 hours	Console Ports	1x RJ-45, 1x Micro USB
Removable Storage	USB 2.0, SD Card	Alarms	4 Inputs, 1 Output
Safety Certifications	UL/CSA 60950-1, EN 60950-1	Industry Standards	IEC 61850-3, IEEE 1613

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## Why Layer23-Switch.com

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