

CBS350-24T-4X DATASHEET

The Cisco CBS350-24T-4X is a high-performance managed switch designed for small to medium business networks. It features 24 Gigabit Ethernet ports and 4 10G SFP+ uplink ports, providing flexible, scalable connectivity. It features full Layer 2 and basic Layer 3 capabilities, supporting advanced networking features, robust security, and Power over Ethernet (PoE+) for device powering. The switch delivers a switching capacity of 128 Gbps and a forwarding rate of 95.23 million packets per second, ensuring reliable and efficient data transmission. Its compact, fanless design aids quiet operation and energy efficiency, while an intuitive web dashboard simplifies network management and monitoring. This switch is ideal for businesses requiring scalable, secure, and manageable network infrastructure.

QUICK SPEC

FIGURE 1: APPEARANCE OF CBS350-24T-4X



TABLE 1: Quick Specs

SKU	CBS350-24T-4X
Description	24 10/100/1000 Ethernet ports and 4 10 Gigabit SFP+ ports
Backplane speed	128 Gbps
Throughput	95.23 million packets per second (mpps)
Ports	24 Gigabit Ethernet ports + 4 10G SFP+ uplink ports
Dimensions (W x H x D)	445 mm x 44 mm x 240 mm (17.5 in x 1.73 in x 9.45 in)

Product Details

FIGURE 2: FRONT PANEL OF CBS350-24T-4X



FIGURE 3: BACK PANEL OF CBS350-24T-4X



CBS350-24T-4X Switch provides these features

1.24 Gigabit Ethernet Ports with 4 x 10G SFP+ Uplinks

It offers high-density connectivity with 24 auto-sensing Gigabit ports for reliable wired connections and 4 10G SFP+ uplink ports for high-speed fiber connectivity, ideal for scalable and fast network backbones.

2.Advanced Security Features

It includes IEEE 802.1X port-based authentication, DHCP snooping, IP Source Guard, and Dynamic ARP Inspection to tightly control network access and protect against common network attacks such as spoofing and man-in-the-middle.

3.Power over Ethernet Plus (PoE+) Support

It provides up to 370W total PoE power budget, delivering up to 60W per port for powering devices like IP phones, wireless access points, and surveillance cameras directly over Ethernet cables, simplifying deployment.

4.True Stacking Capability

It supports stacking of up to 4 switches, allowing them to be managed as a single entity with one IP address. This enhances scalability, simplifies management, and improves network resiliency with hardware failover.

5.Dual Images for Seamless Software Upgrades

It has dual image capability enables administrators to upgrade the switch software without disrupting network operation, ensuring continuous uptime and simplifying maintenance.

6.Energy Efficient and Fanless Design

It incorporates Energy Efficient Ethernet (IEEE 802.3az), automatic power shutdown on inactive ports, and a fanless design that reduces power consumption and noise making it suitable for quiet office environments while saving energy costs.

SPECIFICATION

Model	CBS350-24T-4X
Unit weight	2.78 kg (6.13 lb)
Dimensions	445 x 240 x 44 mm (17.5 x 9.45 x 1.73 in)
Capacity in millions of packets per second (mpps; 64-byte packets)	95.23
Switching capacity in gigabits per second (Gbps)	128.0
System power consumption	110V=27.54W 220V=27.25W
Power consumption (with PoE)	N/A

Heat dissipation (BTU/hr)	93.32
Total system ports	24 x Gigabit Ethernet + 4 x 10G
RJ-45 ports	24 x Gigabit Ethernet
Uplink Ports	4 x SFP+
Packet Buffer	1.5 MB
Buttons	Reset
Cabling type	Unshielded Twisted Pair (UTP) Category 5e or better for 1000BASE-T
Flash	256 MB
LEDs	System, Link/Act, PoE, Speed
CPU	800 MHz ARM
Operating temperature	23° to 122°F (-5° to 50°C)
Storage temperature	-13° to 158°F (-25° to 70°C)
Operating humidity	10% to 90%, relative, noncondensing
Storage humidity	10% to 90%, relative, noncondensing
Fan	Fanless
Acoustic noise	N/A
MTBF @ 25C (hours)	2,026,793
Package contents	Power Cord (Power adapter for select 8-port and 16-port SKUs) Mounting Kit Quick Start Guide

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