

CBS350-48T-4G-EU DATASHEET

Overview

The Cisco CBS350-48T-4G-EU is a managed switch offering 48 Gigabit Ethernet ports and 4 Gigabit SFP uplinks, delivering a switching capacity of 104 Gbps and throughput of 77.38 million packets per second. It supports advanced Layer 2 switching and dynamic Layer 3 routing with robust security features including 802.1X authentication, ARP inspection, and DHCP snooping. This switch is accompanied by Energy Efficient Ethernet technology and fan-cooled design for optimized power usage and quieter operation. Its compact form factor and comprehensive management tools make it ideal for growing medium-sized businesses requiring reliable, high-performance network infrastructure.

FIGURE 1: APPEARANCE OF CBS350-48T-4G-EU



TABLE 1: Quick Specs

SKU	CBS350-48T-4G-EU
Backplane speed	128 Gbps
Throughput	95.23 million packets per second (mpps)
Ports	24 x 10/100/1000 Mbps + 4 x 10G SFP+
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 CBS350-48T-4G-EU

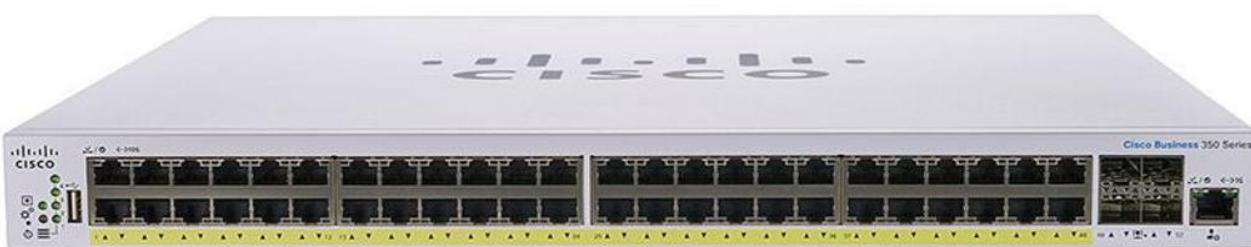


FIGURE 3: BACK PANEL OF CBS350-48T-4G-EU



CBS350-48T-4G-EU Switch provides these features

1.48 Gigabit Ethernet Ports and 4 Gigabit SFP Uplinks

It provides extensive port density for connecting a wide array of devices and high-speed uplinks for network backbone aggregation and expansion.

2. High Switching Capacity and Throughput

It supports a switching capacity of 104 Gbps and a throughput of 77.38 million packets per second, enabling wire-speed forwarding for demanding business traffic.



3. Dual Software Images for Reliable Upgrades

It allows performing firmware upgrades without network downtime by maintaining two firmware images, ensuring continuous business operations.

4. Advanced Security Features

It includes capabilities like IEEE 802.1X authentication, DHCP snooping, dynamic ARP inspection, and IP-MAC port binding to safeguard the network against unauthorized access and attacks.

5. Energy Efficient with Fan-Cooled Design

It leverages Energy Efficient Ethernet (IEEE 802.3az) standards and optimized fan cooling to reduce power consumption and operating noise, balancing performance with eco-friendly operation.

SPECIFICATION

Model	CBS350-48T-4G-EU
Unit weight	3.95 kg (8.71 lb)
Dimensions	445 x 288 x 44 mm (17.5 x 11.33 x 1.73 in)
Capacity in millions of packets per second (mpps; 64-byte packets)	77.38
Switching capacity in gigabits per second (Gbps)	104.0
System power consumption	110V=48.27W 220V=48.64W
Power consumption (with PoE)	165.96
Heat dissipation (BTU/hr)	165.96
Total system ports	52 x Gigabit Ethernet
RJ-45 ports	48 x Gigabit Ethernet



Uplink Ports	4 x SFP
Packet Buffer	3 MB
Buttons	Reset button
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	1
Acoustic noise	25°C: 29.7 dBA
MTBF @ 25C (hours)	1,452,667
Package Contents	Power Cord (Power adapter for select 8-port and 16-port SKUs) Mounting Kit Quick Start Guide



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