

CBS350-48FP-4G-EU DATASHEET

Overview

The Cisco CBS350-48FP-4G-EU is a managed 48-port switch designed for small to medium-sized business networks. It features 48 auto-sensing 10/100/1000 Mbps PoE+ ports that provide up to 740W of total PoE power to efficiently power devices like IP phones, wireless access points, and surveillance cameras. The switch also includes 4 dedicated Gigabit SFP uplink ports for flexible and high-speed connectivity options. With a switching capacity (backplane speed) of 77.38 Gbps and forwarding throughput of 104 million packets per second, it ensures high network performance. The compact design (445 x 350 x 44 mm) supports rack mounting while advanced Layer 2 and Layer 3 features provide secure and efficient traffic management. Energy-efficient technologies and fanless operation deliver quiet and environmentally friendly performance.

QUICK SPEC

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



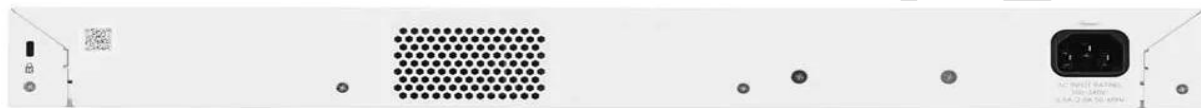
TABLE 1: Quick Specs

SKU	CBS350-48FP-4G-EU
Backplane speed	77.38 Gbps
Throughput	104.0 Mpps
Ports	48 auto-sensing 10/100/1000 Mbps PoE+ ports with full PoE+ support, plus 4 dedicated Gigabit SFP uplink ports
Dimensions (W x H x D)	445 x 350 x 44 mm (17.5 x 13.78 x 1.73 in)

FIGURE 2: FRONT PANEL OF CBS350-48FP-4G-EU



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



CBS350-48FP-4G-EU Switch provides these features:

1.Ease of Management and Deployment

It is managed through Cisco Business Dashboard and mobile app, the switches simplify network setup, monitoring, and lifecycle management. They support embedded probes for dashboard integration and offer Cisco Network Plug and Play for near-zero-touch device rollout. CLI and SNMP support provide flexibility for remote and mass configurations.

2.High Reliability and Resiliency

Dual images allow seamless software upgrades without network downtime, ensuring 24/7 availability critical for business continuity.

3.Strong Security

It supports IEEE 802.1X port security, web-based authentication, dynamic ARP inspection, IP Source Guard, and DHCP snooping protect against unauthorized access and network attacks. IPv6 First Hop Security extends protection to IPv6 traffic.

4.Power over Ethernet (PoE and PoE+)

It include up to 48 PoE/PoE+ ports supporting 60W PoE for powering IP phones, wireless access points, and IoT devices over a single Ethernet cable, simplifying deployment.

5.IPv6 Support

It is compliant and certified for IPv6 with extensive security measures, ensuring future-proof network infrastructure.



6.Advanced Layer 3 Traffic Management

It supports dynamic routing, VLAN segmentation, and inter-VLAN routing to optimize network traffic and efficiency, offloading tasks from routers.

7.True Stacking Technology

It enables multiple switches to run as a single unit with one IP address, improving scalability, management, and network uptime with resilient stack control and hot swap.

8.Compact and Flexible Design

It has sleek form factor suitable for wiring closets, retail stores, open offices, or classrooms without disruption.

9.Energy Efficiency

It implements IEEE 802.3az Energy Efficient Ethernet, automatic power shutoff on inactive ports, cable length-based power adjustment, and fanless designs for reduced power usage and quiet operation.

SPECIFICATION

CBS350-24XS-EU SPECIFICATION	
Model	CBS350-48FP-4G-EU
Dimensions	445 x 350 x 44 mm (17.5 x 13.78 x 1.73 in)
Weight	5.82 kg (12.83 lb)
Capacity in Millions of Packets per Second (mpps) (64-byte packets)	77.38
Switching capacity in Gigabits per second (Gbps)	104.0
Power Dedicated to PoE	740W
Number of Ports That Support PoE	48
System power consumption	110V=73.79W 220V=74.03W
Power consumption (with PoE)	110V=886.42W 220V=859.50W
Heat dissipation (BTU/hr)	3,024.59
Total System Ports	52 x Gigabit Ethernet
RJ-45 Ports	48 x Gigabit Ethernet
Combo Ports (RJ45 + Small form-factor pluggable [SFP])	4 x SFP
Console port	Cisco standard RJ45 console port
Buttons	Reset button
Cabling type	Unshielded Twisted Pair (UTP) Category 5e or better for 1000BASE-T
LEDs	System, Link/Act, PoE, Speed

Flash	256 MB
CPU	800 MHz ARM
DRAM	512 MB
Packet Buffer	3 MB
FAN (Number)	1
Acoustic Noise	25°C:48.7 dBA
MTBF at 25°C (hours)	856,301
Package Contents	Power Cord (Power adapter for select 8-port and 16-port SKUs) Mounting Kit Quick Start Guide

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