CBS220-24FP-4G-EU DATASHEET

Overview

The Cisco CBS220-24FP-4G-EU is a 24-port Gigabit Ethernet smart switch with full PoE+ support and a 382W power budget. It features 4 Gigabit SFP uplink ports, supports up to 8,192 MAC addresses, and offers advanced Layer 2 features such as VLANs, link aggregation, and spanning tree protocols. Security features include IEEE 802.1X port authentication, ACLs, storm control, BPDU guard, and DoS prevention. The switch consumes around 30.8W without PoE and up to 459W with PoE, and supports management through the Cisco Business Dashboard. It is designed for reliable, secure, and energy-efficient operation in small to medium business networks

QUICK SPEC

FIGURE 1: APPEARANCE OF CBS220-24FP-4G-EU

TABLE 1: Quick Specs

SKU	CBS220-24FP-4G-EU
Backplane speed	56 Gbps
Throughput	41.66 million packets per second (mpps)
Ports	28 Gigabit Ethernet (24 Gigabit Ethernet + 4 Gigabit Ethernet SFP)
Dimensions (W x H x D)	440 x 257 x 44 mm (17.3 x 10.1 x 1.7 in)

Product Details

FIGURE 2: FRONT PANEL OF CBS220-24FP-4G-EU

FIGURE 3: BACK PANEL OF CBS220-24FP-4G-EU

CBS220-24FP-4G-EU Switch provides these features:

1.Easy Configuration and Deployment

The switch supports plug-and-play deployment with web-based GUI and Cisco Business Dashboard management. No complex setup is required for network integration, and the Cisco Network Plug and Play solution enables zero-touch provisioning for seamless installation.

2.Reliability and Performance

It delivers 56 Gbps switching capacity and up to 41.66 million packets per second forwarding rate, ensuring smooth data flow for converged applications. Features like Rapid Spanning Tree Protocol (RSTP) and Link Aggregation Control Protocol (LACP) enhance network resilience and scalability.

3.Power over Ethernet (PoE)

It provides full PoE+ on all 24 ports with a 382W power budget, supporting devices like IP phones, wireless access points, and cameras by delivering power and data over one cable, reducing installation complexity and cost.

4.Network Security

This switch implements IEEE 802.1X port-based authentication, Access Control Lists (ACLs), DHCP snooping, Dynamic ARP Inspection, storm control, BPDU guard, and DoS protection. These features secure the network against unauthorized access and common attacks.

5.Optimal Energy Efficiency

This switch complies with Energy Efficient Ethernet (IEEE 802.3az) standards, includes Energy Detect features, and has intelligent power management to reduce consumption and operational expenses without sacrificing performance.

SPECIFICATION

Model	CBS220-24FP-4G-EU
Unit weight	4.10 kg (9.04 lb)
Dimensions	440 x 257 x 44 mm (17.3 x 10.1 x 1.7 in)
Forwarding rate in millions of packets per second (mpps; 64-byte packets)	41.66
Switching capacity in gigabits per second (Gbps)	56
PoE Power Budget	382 W
Number of Ports That Support PoE	24
System power consumption	110V=30.8W 220V=30.8W
Power consumption (with PoE)	110V=459W 220V=445W
Heat dissipation (BTU/hr	1,566.17
Total system ports	28 Gigabit Ethernet
RJ-45 ports	24 Gigabit Ethernet
Uplink Ports	4 Gigabit Ethernet SFP
Packet Buffer	4.1 Mb
Buttons	Reset button
Cabling type	Unshielded Twisted Pair (UTP) Category 5 or better for 10BASE-T/100BASE-TX; UTP Category 5 Ethernet or better for 1000BASE-T
Flash	64 MB
LEDs	System, Link/Act, Speed
CPU	256 MB
Operating temperature	0-50° C
Storage temperature	–20° C to +70° C
Operating humidity	10% to 90%, relative, noncondensing
Storage humidity	10% to 90%, relative, noncondensing
Fan	2
Acoustic noise	25°C: 43.2 dB
MTBF @ 25C (hours)	588,411
Package contents	Power cord or adaptor Mounting kit Quick start guide

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