

Cisco Business 350 Series 350-48P-4G(CBS350-48P-4G-UK)  
Cisco Business 350 Series 350-48P-4G - Switch - L3 - Managed - 48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP - rack-mountable - PoE+ (370 W)

Cisco Business 350 Series switches are affordable managed switches that provide critical building blocks for any small office network. Intuitive dashboard simplifies network setup, and advanced features accelerate digital transformation, while pervasive security protects business-critical transactions. Cisco Business 350 Series switches provide the ideal combination of affordability and capabilities for small office and help you create a more efficient, better-connected workforce.



Cisco Business 350 Series switches are fixed-configuration managed Ethernet switches. All Cisco Business 350 Series switches support the advanced security management capabilities and network features you need to support enterprise-class data, voice, security, and wireless technologies. At the same time, these switches are simple to deploy and configure, allowing you to take advantage of the managed network services your business needs.

## Key Selling Points

- Ease of management and deployment
- High reliability and resiliency
- Strong security
- Power over Ethernet
- Networkwide automatic voice deployment
- IPv6 support
- Advanced Layer 3 traffic management
- Compact design
- Power efficiency

## Product Features

### Ease of management and deployment

Cisco Business 350 Series switches are designed to be easy to use and manage by commercial customers or the partners that serve them.

### High reliability and resiliency

In a growing business where availability 24 hours a day, 7 days a week, is critical, you need to ensure business continuity and that employees can always access the data and resources they need. Cisco Business 350 Series switches support dual images, allowing you to perform software upgrades without having to take the network offline or worry about the network going down during the upgrade.

### Strong security

Cisco Business 350 Series switches provide the advanced security features you need to protect your business data and keep unauthorized users off the network.

### Power over Ethernet

Cisco Business 350 Series switches are available with multiple Power over Ethernet (PoE) ports. This capability simplifies advanced technology deployments such as IP telephony, wireless, and IP surveillance by allowing you to connect and power network endpoints over a single Ethernet cable. With no need to install separate power supplies for IP phones or wireless access points, you can take advantage of advanced communications technologies more quickly and at a lower cost.

### Networkwide automatic voice deployment

Using a combination of Cisco Discovery Protocol, Link Layer Discovery Protocol-Media Endpoint Discovery (LLDP-MED), Auto Smartports, and Voice Services Discovery Protocol (or VSDP, a unique Cisco protocol), customers can deploy an end-to-end voice network dynamically. The switches in the network automatically converge around a single voice Virtual Local Area Network (VLAN) and Quality of Service (QoS) parameters and then propagate them out to the phones on the ports, where they are discovered. For example, automated voice VLAN capabilities let you plug any IP phone (including third-party phones) into your IP telephony network and receive an immediate dial tone. The switch automatically configures the device with the right VLAN and QoS parameters to prioritize voice traffic.

### IPv6 support

As the IP address scheme evolves to accommodate a growing number of network devices, Cisco Business 350 Series switches can support the transition to the next generation of networking. These switches continue to support previous-generation IPv4, allowing you to evolve to the IPv6 standard at your own pace and helping ensure that your current network will continue to support your business applications in the future.

### Advanced Layer 3 traffic management

Cisco Business 350 Series switches enable a more advanced set of traffic management capabilities to help growing businesses organize their networks more effectively and efficiently. For example, the switches provide static LAN Layer 3 routing, allowing you to segment your network into workgroups and communicate across VLANs without degrading application performance. With these capabilities, you can boost the efficiency of your network by offloading internal traffic-handling tasks from your router and allowing it to manage primarily external traffic and security.

### Compact design

The sleek and compact design for Cisco Business 350 Series switches provides additional deployment flexibility, including outside wiring closet installation such as in retail stores, open-plan offices, and classrooms without disturbing the environment.

### Power efficiency

Cisco Business 350 Series switches integrate a variety of power-saving features. These switches are designed to conserve energy by optimizing power use, which helps protect the environment and reduce your energy costs. They provide an eco-friendly network solution without compromising performance.

## Main Specifications

Product Description	Cisco Business 350 Series 350-48P-4G - switch - 48 ports - Managed - rack-mountable
Device Type	Switch - 48 ports - L3 - Managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	370 W
Performance	Switching capacity: 104 Gbps   Forwarding performance (64-byte packet size): 77.38 Mpps
Capacity	Link aggregation groups: 8   VLANs supported: 4094   Buffer capacity (MB): 3
MAC Address Table Size	16K entries
Jumbo Frame Support	2KB
Routing Protocol	IGMP, policy-based routing (PBR), CIDR
Remote Management Protocol	SNMP 1, RMON, SNMP 3, SNMP 2c, SSH, SSH-2, ICMP
Features	DHCP support, ARP support, VLAN support, DoS attack prevention, Spanning Tree Protocol (STP) support, Multiple Spanning Tree Protocol (MSTP) support, DHCP snooping, Access Control List (ACL) support, Quality of Service (QoS), RADIUS support, DHCP server, Dynamic ARP Inspection (DAI), Per-VLAN Spanning Tree Plus (PVST+), STP Root Guard, Uni-Directional Link Detection (UDLD), Rapid Per-VLAN Spanning Tree Plus (PVRST+), Multicast VLAN Registration (MVR), Dynamic VLAN Support (GVRP), Type of Service (ToS), Storm Control, IP source guard, Bridge protocol data unit (BPDU), Voice VLAN, Secure Core Technology (SCT), LLDP-MED, IP/Mac/Port Binding (IPMB), Secure Sensitive Data (SSD), Private VLAN, ISATAP tunnel support, STP loop guard, Weighted Round Robin (WRR), multiple tag protocol identifiers (TPID)
Compliant Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3z, IEEE 802.1D, IEEE 802.1Q, IEEE 802.3ab, IEEE 802.1p, IEEE 802.3af, IEEE 802.3x, IEEE 802.3ad (LACP), IEEE 802.1w, IEEE 802.1x, IEEE 802.3ae, IEEE 802.1s, IEEE 802.1ab (LLDP), IEEE 802.3an, IEEE 802.3at, IEEE 802.3az
Power	AC 120/230 V (50/60 Hz)
Dimensions (WxDxH)	44.5 cm x 35 cm x 4.4 cm
Weight	5.43 kg
Localisation	Kuwait, Qatar, Saudi Arabia, Hong Kong, Malaysia, Singapore, United Kingdom
Manufacturer Warranty	Limited lifetime warranty

## Extended Specification

### General

Device Type	Switch - 48 ports - L3 - Managed
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	48 x 10/100/1000 (PoE+) + 4 x Gigabit SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	370 W
Performance	Switching capacity: 104 Gbps Forwarding performance (64-byte packet size): 77.38 Mpps

Capacity	Link aggregation groups:8 VLANs supported:4094 Buffer capacity (MB):3
MAC Address Table Size	16K entries
Jumbo Frame Support	2KB
Routing Protocol	IGMP,policy-based routing (PBR),CIDR
Remote Management Protocol	SNMP 1,RMON,SNMP 3,SNMP 2c,SSH,SSH-2,ICMP
Encryption Algorithm	SSL
Authentication Method	Secure Shell (SSH),RADIUS,TACACS+
Features	DHCP support,ARP support,VLAN support,DoS attack prevention,Spanning Tree Protocol (STP) support,Multiple Spanning Tree Protocol (MSTP) support,DHCP snooping,Access Control List (ACL) support,Quality of Service (QoS),RADIUS support,DHCP server,Dynamic ARP Inspection (DAI),Per-VLAN Spanning Tree Plus (PVST+),STP Root Guard,Uni-Directional Link Detection (UDLD),Rapid Per-VLAN Spanning Tree Plus (PVRST+),Multicast VLAN Registration (MVR),Dynamic VLAN Support (GVRP),Type of Service (ToS),Storm Control,IP source guard,Bridge protocol data unit (BPDU),Voice VLAN,Secure Core Technology (SCT),LLDP-MED,IP/Mac/Port Binding (IPMB),Secure Sensitive Data (SSD),Private VLAN,ISATAP tunnel support,STP loop guard,Weighted Round Robin (WRR),multiple tag protocol identifiers (TPID)
Compliant Standards	IEEE 802.3,IEEE 802.3u,IEEE 802.3z,IEEE 802.1D,IEEE 802.1Q,IEEE 802.3ab,IEEE 802.1p,IEEE 802.3af,IEEE 802.3x,IEEE 802.3ad (LACP),IEEE 802.1w,IEEE 802.1x,IEEE 802.3ae,IEEE 802.1s,IEEE 802.1ab (LLDP),IEEE 802.3an,IEEE 802.3at,IEEE 802.3az
Processor	X ARM:800 MHz
RAM	512 MB
Flash Memory	256 MB
Status Indicators	Status,link/activity

## Expansion / Connectivity

Interfaces	48 x 10/100/1000 Base-T RJ-45 PoE+ 4 x 1000Base-X SFP 1 x console (USB) Type B 1 x USB Type A 1 x console RJ-45
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## Power

Power Device	Internal power supply
Voltage Required	AC 120/230 V (50/60 Hz)

## Miscellaneous

Rack Mounting Kit	Included
MTBF	856,329 hours
Compliant Standards	UL 60950,CSA C22.2,FCC CFR47,USGv6
Localisation	Kuwait,Qatar,Saudi Arabia,Hong Kong,Malaysia,Singapore,United Kingdom

## Dimensions & Weight

Width	44.5 cm
Depth	35 cm
Height	4.4 cm
Weight	5.43 kg

## Manufacturer Warranty

Service &Support	Limited warranty - replacement - lifetime - response time:next business day
	Technical support - web support - 1 year
	Technical support - phone consulting - 1 year

## Environmental Parameters

Min Operating Temperature	-5 °C
Max Operating Temperature	50 °C
Humidity Range Operating	10 - 90% (non-condensing)
Min Storage Temperature	-25 °C
Max Storage Temperature	70 °C
Humidity Range Storage	10 - 90% (non-condensing)

## What's in the box

Cisco Business 350 Series 350-48P-4G  
Rack mounting kit

Product data is provided by CNET,we do not warrant the accuracy and completeness of the material contained in this data sheet