Cisco Business 350 Series 350-8P-E-2G(CBS350-8P-E-2G-UK)
Cisco Business 350 Series 350-8P-E-2G - Switch - L3 - Managed - 8 x 10/100/1000 (PoE+) + 2 x combo SFP - rack-mountable - PoE+ (67 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
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.

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 350-8P-E-2G - switch - 8 ports - Managed - rack-mountable
Device Type	Switch - 8 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 (PoE+) + 2 x combo SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	67 W
Performance	Switching capacity: 20 Gbps ¦Forwarding performance (64-byte packet size): 14.88 Mpps
Capacity	RPVST+ instances: 126 ¦MSTP instances: 8 ¦VLANs supported: 4094 ¦ACL rules: 1024 ¦Buffer capacity (MB): 1.5
MAC Address Table Size	16K entries
Jumbo Frame Support	2KB
Routing Protocol	IGMPv2,IGMP,IGMPv3,static IPv4 routing,static IPv6 routing,policy-based routing (PBR),MLDv2,MLD,CIDR,MSTP,RSTP,STP
Remote Management Protocol	SNMP 1,RMON,Telnet,SNMP 3,SNMP 2c,HTTP,HTTPS,TFTP,SSH,SSH-2,CLI,SCP,ICMP,DHCP,RSTP,TACACS+,RADIUS
Features	Flow control,BOOTP support,ARP support,VLAN support,Syslog support,DoS attack prevention,DiffServ support,Broadcast Storm Control,IPv6 support,Multicast Storm Control,firmware upgradable,SNTP support,DHCP snooping,Quality of Service (QoS),DHCP server,Dynamic ARP Inspection (DAI),Per-VLAN Spanning Tree Plus (PVST+),reset button,STP Root Guard,Uni-Directional Link Detection (UDLD),fanless,LACP support,LLDP support,DHCP relay,Management Information Base (MIB),Multicast VLAN Registration (MVR),Generic VLAN Registration Protocol (GVRP),802.1x authentication,Type of Service (ToS),DiffServ Code Point (DSCP) support,cable test,IP source guard,SmartPort technology,dual image support,DNS client,Secure Core Technology (SCT),Private VLAN Edge (PVE),LLDP-MED,IP/Mac/Port Binding (IPMB),Secure Sensitive Data (SSD),ISATAP tunnel support,RA guard,User Datagram Protocol (UDP),Weighted Round Robin (WRR),Head-of-line (HOL) Blocking Prevention,loopback detection,Unknown Storm Control,BPDU Guard,Link Aggregation Group (LAG),Voice Services Discovery Protocol (VSDP),Rapid PVST+ (RPVST+),Duplicate Address Detection (DAD)
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)	26.8 cm x 18.5 cm x 4.4 cm
Weight	3.5 kg
Localisation	Kuwait,Qatar,Saudi Arabia,Hong Kong,Malaysia,Singapore,United Kingdom
Manufacturer Warranty	Limited lifetime warranty

Extended Specification

General

Device Type	Switch - 8 ports - L3 - Managed - stackable
Enclosure Type	Rack-mountable
Subtype	Gigabit Ethernet
Ports	8 x 10/100/1000 (PoE+) + 2 x combo SFP
Power Over Ethernet (PoE)	PoE+
PoE Budget	67 W

Performance	Switching capacity:20 Gbps Forwarding performance (64-byte packet size):14.88 Mpps
Capacity	RPVST+ instances:126 MSTP instances:8 VLANs supported:4094 ACL rules:1024 Buffer capacity (MB):1.5
MAC Address Table Size	16K entries
Jumbo Frame Support	2KB
Max Units In A Stack	4
Routing Protocol	IGMPv2,IGMP,IGMPv3,static IPv4 routing,static IPv6 routing,policy-based routing (PBR),MLDv2,MLD,CIDR,MSTP,RSTP,STP
Remote Management Protocol	SNMP 1,RMON,Telnet,SNMP 3,SNMP 2c,HTTP,HTTPS,TFTP,SSH,SSH-2,CLI,SCP,ICMP,DHCP,RSTP,TACACS+,RADIUS
Encryption Algorithm	SSL
Authentication Method	Secure Shell (SSH),RADIUS,TACACS,TACACS+,Secure Shell v.2 (SSH2)
Features	Flow control,BOOTP support,ARP support,VLAN support,Syslog support,DoS attack prevention,DiffServ support,Broadcast Storm Control,IPv6 support,Multicast Storm Control,firmware upgradable,SNTP support,DHCP snooping,Quality of Service (QoS),DHCP server,Dynamic ARP Inspection (DAI),Per-VLAN Spanning Tree Plus (PVST+),reset button,STP Root Guard,Uni-Directional Link Detection (UDLD),fanless,LACP support,LLDP support,DHCP relay,Management Information Base (MIB),Multicast VLAN Registration (MVR),Generic VLAN Registration Protocol (GVRP),802.1x authentication,Type of Service (ToS),DiffServ Code Point (DSCP) support,cable test,IP source guard,SmartPort technology,dual image support,DNS client,Secure Core Technology (SCT),Private VLAN Edge (PVE),LLDP-MED,IP/Mac/Port Binding (IPMB),Secure Sensitive Data (SSD),ISATAP tunnel support,RA guard,User Datagram Protocol (UDP),Weighted Round Robin (WRR),Head-of-line (HOL) Blocking Prevention,loopback detection,Unknown Storm Control,BPDU Guard,Link Aggregation Group (LAG),Voice Services Discovery Protocol (VSDP),Rapid PVST+ (RPVST+),Duplicate Address Detection (DAD)
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Processor	X ARM:800 MHz
RAM	512 MB
Flash Memory	256 MB
Status Indicators	Status,PoE,link/activity/speed

Expansion / Connectivity

Interfaces	8 x 10/100/1000 Base-T RJ-45 PoE+ 2 x 1000Base-T / 1000Base-X RJ-45/SFP 1 x console (mini-USB) Type B 1 x USB Type A 1 x console RJ-45

Power

Power Device	External power adapter
Voltage Required	AC 120/230 V (50/60 Hz)
Power Consumption Operational	80.86 Watt

Miscellaneous

Rack Mounting Kit	Included

MTBF	1,706,649 hours
Compliant Standards	UL 60950,CSA 22.2,FCC CFR47 Part 15 B Class A,USGv6
Localisation	Kuwait,Qatar,Saudi Arabia,Hong Kong,Malaysia,Singapore,United Kingdom

Dimensions &Weight

Width	26.8 cm
Depth	18.5 cm
Height	4.4 cm
Weight	3.5 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 350-8P-E-2G
External power adapter
Rack mounting kit