



Cisco Small Business Unmanaged Switches

COMMON FEATURES: Limited Lifetime Hardware Warranty. Refer to the warranty statements for the full terms and conditions; all Ethernet ports have auto speed negotiation and auto MDI/MDI-X crossover detection.

Speed

10/100 Fast Ethernet

COMMON FEATURE: Auto sensing 10/100 switched ports, non-blocking, full wire speed.



SD205
5-port
10/100 Switch



SD208
8-port
10/100 Switch



SD216
16-port
10/100 Switch



SR216
16-port
10/100 Switch

- Rack mountable



SR224G
24-port 10/100 + 1-Port
Gigabit Switch + 1 Mini-GBIC

- Rack mountable



SR224
24-port 10/100 Switch

- Runs at full wire speeds up to 200Mbps per port
- Address Learning and Data Flow Control for transmission reliability
- Suitable for both desktop or rackmount installations.
- Rack mountable

10/100/1000 Gigabit Ethernet


COMMON FEATURE: Non-blocking, full wire speed.



SD2005
5-port 10/100/1000
Gigabit Switch



SD2008
8-port 10/100/1000
Gigabit Switch



SR2016
16-port 10/100/1000
Gigabit Switch

- Rack mountable



SR2024
24-port 10/100/1000 Gigabit Switch

- Twenty-four 10/100/1000Mbps, half/full duplex, switched ports
- Two Mini-GBIC expansion ports
- Rack mountable



SGE2000P
Managed, Stackable
Gigabit Switch w/PoE

RPS1000
Redundant
Power Supply

RPS1000
Redundant Power Supply

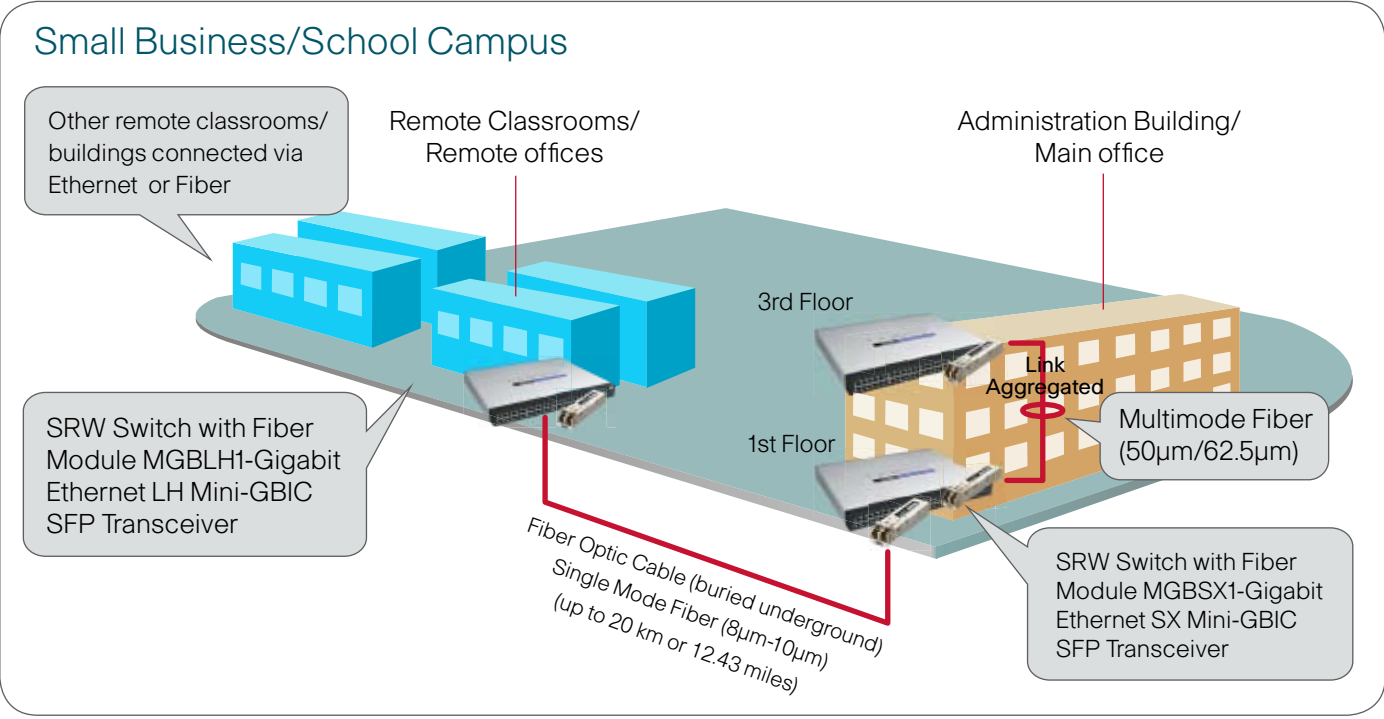



The **RPS1000 Redundant Power Supply** unit is an uninterruptible power supply that can offer instant power to any one of the six of the Cisco Small Business Switches (SFE2000, SFE2000P, SGE2000 and SGE2000P) in a rack should it experience a sudden drop in voltage or if their power fails altogether. If this should occur an alert is sent by the master switch in the stack to a network administrator so the issue can be resolved. If the master switch experiences the failure then the back-up master sends the alert. The RPS1000 adds a layer of high-availability, designed to allow users on the network to continue to communicate, collaborate or connect. The RPS1000 also provides redundant power Cisco Small Business Network Storage Systems.

Cisco Small Business Network Accessories

Some Cisco Small Business Unmanaged and Managed Switches include expansion ports for transceiver modules or Gigabit ports for 10/100 switches. Modules are used to extend the reach of a wired network over great distances when standard Ethernet cabling has performance limitations. Expansion modules are often used in large corporate or educational campus networks or warehouse deployments. A customer's switch-to-switch distance requirements and the type of cabling to be used will dictate the most appropriate module to recommend.

Extension Module Usage Scenario






MGBLH1
Gigabit Ethernet LH Mini-GBIC SFP Transceiver

- For distances up to 500 meters or 40 kilometers




MGBSX1
Gigabit Ethernet SX Mini-GBIC SFP Transceiver

- For distances up to 220 or 550 meters



MGBT1
Gigabit Ethernet 1000 Base-T Mini-GBIC SFP Transceiver

- For distances up to 100 meters (328 feet)



MFEFX1
100 Base-FX Mini-GBIC SFP Transceiver

- 1310nm wavelength for multi-mode fiber
- Supports 100Mbps speed up to 2km
- SFP MSA compliant with duplex LC connector



MFELX1
100 Base-LX Mini-GBIC SFP Transceiver

- 1310nm wavelength for single-mode fiber
- Supports 100Mbps speed up to 10km
- SFP MSA compliant with duplex LC connector

Find out more: www.cisco.com/smallbusiness

Check the product package and contents for specific features supported. Specifications are subject to change without notice.

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Cisco Small Business
Switch Overview



Cisco Small Business Smart Switches

COMMON FEATURES: 5-year warranty; all Ethernet ports have auto speed negotiation and auto MDI/MDI-X crossover detection; basic, QoS, VLANs, and Security

Speed

10/100 Fast Ethernet

COMMON FEATURE: Auto sensing 10/100 switched ports, full wire speed.



SLM224G
24-port 10/100 + 2-port Gigabit Smart Switch



SLM248G
48-port 10/100 + 2-port Gigabit Smart Switch



SLM224G4S
24-port 10/100 + 2-port Gigabit Smart Switch with Resilient Clustering



SLM248P PoE
48-port 10/100 + 2-port Gigabit Smart Switch with PoE



SLM224P PoE
24-port 10/100 + 2-port Gigabit Smart Switch with PoE



SLM248G4PS PoE
48-port 10/100 + 4-port Gigabit Smart Switch with Resilient Clustering



SLM224G4PS PoE
24-port 10/100 + 4-port Gigabit Smart Switch with Resilient Clustering



SLM248G4S
48-port 10/100 + 2-port Gigabit Smart Switch with Resilient Clustering

10/100/1000 Gigabit Ethernet

COMMON FEATURE: Full wire speed, support Jumbo Frames



SLM2005
5-port 10/100/1000 Gigabit Smart Switch with PD and AC power



SLM2008
8-port 10/100/1000 Gigabit Smart Switch with PD and AC power



SLM2024
24-port 10/100/1000 Gigabit Smart Switch



SLM2048
48-port 10/100 Gigabit Smart Switch

- Easy-to-use Web browser interface makes installation quick and effortless
- Grow your network with options like Link Aggregation, Spanning Tree and Portfast
- 802.1X port authentication and MAC address filtering brings network security down to the switch port level
- Basic QoS enables the network to be used for networked applications including voice, video and data storage

The Model Number Code:

S = Switch
D = Desktop (non-rack mountable)
R = Rack mountable
W = WebView (managable via Web interface)
3 Numbers = Fast Ethernet (e.g: SRW208)
4 Numbers = Gigabit Ethernet (e.g: SRW2008)
G = mini-GBIC expansion port(s) or additional Gigabit ports on a 10/100 switch
P = PoE (Power-over-Ethernet) – **For SRW and SFE/SGE switches with PoE:** All ports at 75W, 1/2 the ports at 15.4W except the MP versions, which have 15.4W on all ports.
For SLM (Smart) switches with PoE: Half the ports at 75W, 1/4 of the ports at 15.4W.
MP = Maximum PoE – Maximum power on all Ethernet ports
L = Long-range 100M Fiber Connection

The Benefits of Power over Ethernet PoE

Power over Ethernet (PoE) switches enable customers to position PoE network peripheral devices like surveillance cameras, wireless access points (WAPs) or PoE-enabled Voice over Internet Protocol (VoIP) phones virtually anywhere inside a business. No longer must these devices be situated near power outlets. Now an access point can be placed in a ceiling, a surveillance camera high up on a wall, and phones can be placed virtually anywhere without being tethered to power strips.



10/100 Fast Ethernet



SRW208
8-port 10/100 Managed Switch



SRW224G4
24-port 10/100 Managed Switch + 4 10/100/1000 Ports with Gig Copper or Fiber Expansion Slots



SRW208G
8-port 10/100 Managed Switch with Gigabit Uplink and Gig Copper or Fiber Expansion Slot



SRW248G4
48-port 10/100 Switch + 4-port Managed Gigabit Switch

- 4 expandable Gig ports
- Secure management via SSH/SSL
- 802.1x and MAC filtering
- IGMP snooping, L2/L3 COS, queuing and scheduling for voice/video
- Rate limiting, policing, shaping, and storm control




SFE2000
Ethernet switch with 24-port 10/100, 4 10/100/1000 ports, and stacking

- Fully resilient stacking provides optimized growth with simplified management
- Maximum security and control of traffic with policing, shaping, ACLs, and QoS
- 2 mini-GBIC slots (shared with 2 copper ports) for Fiber Gigabit Ethernet expansion



SFE2010
48 10/100 Ethernet ports, two 10/100/1000 Ethernet ports, and two mini-GBIC slots for Gigabit Ethernet expansion

- Secure, encrypted management via SSH and SSL, as well as 802.1x and MAC authentication and filtering
- Advanced security: ARP Inspection, IP Source Guard, DHCP Snooping, STP Root Guard
- Support for 802.1q-based VLANs, to segment your network



SFE2000P PoE
Ethernet Switch with 24-port 10/100, 4 10/100/1000 Ports, PoE and Stacking

- Fully resilient stacking provides optimized growth with simplified management
- Maximum security and control of traffic with policing, shaping, ACLs, and QoS
- 2 mini-GBIC slots (shared with 2 copper ports) for Fiber Gigabit Ethernet expansion
- Power over Ethernet (802.3af) 15.4W/port



SFE2010P PoE
48 10/100 Ethernet ports, two 10/100/1000 Ethernet ports, and two mini-GBIC slots for gigabit Ethernet expansion


- Secure, encrypted management via SSH and SSL, as well as 802.1x and MAC authentication and filtering
- Advanced security: ARP Inspection, IP Source Guard, DHCP Snooping, STP Root Guard
- Support for 802.1q-based VLANs to segment your network
- Quality of Service (QoS) functionality to bolster video and voice communications

Cisco Small Business Managed Switches


COMMON FEATURES: 5-year warranty; all Ethernet ports have auto speed negotiation and auto MDI/MDI-X crossover detection; WebView; non-blocking; rack mountable, full wire speed; advanced - QoS, security, traffic control – management

Speed


10/100/1000 Gigabit Ethernet



SRW208P PoE
8-port 10/100 Ethernet Switch with Gig Copper or Fiber Expansion Slots and PoE




SRW208MP PoE
8-port 10/100 Managed Switch with Gig Copper or Fiber Expansion Slots and Maximum PoE




SRW224G4P PoE
24-port 10/100 + 4-GigE Port PoE Switch with WebView

- Optimized to be network core
- PoE – up to 12 ports @ 15.4W. Total PoE power is 180 W
- IGMP snooping, L2/L3 policy filters
- Secure management via SSH/SSL and secure user control via 802.1x and MAC filtering




SRW248G4P PoE
48-port 10/100 + 4-port GigE Managed PoE Switch with WebView

- Optimized to be a network core with 48 10/100 Ethernet, 2 shared Gigabit combo and 2 GigE ports
- PoE – up to 24 ports @ 15.4W. Total PoE power is 375 W
- IGMP snooping, L2/L3 policy filters
- Secure management via SSH/SSL and secure user control via 802.1x and MAC filtering

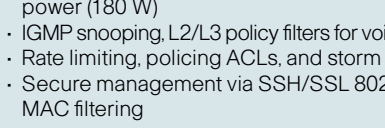


SRW2008P PoE
8-port 10/100/1000 Managed Gigabit Switch with Gig Copper or Fiber Expansion Slots and PoE



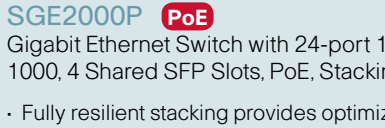
SRW2008MP PoE
8-port 10/100/1000 Managed Gigabit Switch with Maximum PoE

- Includes 2 shared mini-GBIC slots
- PoE – 8 ports @ 15.4W per port




SRW2024P PoE
24-Gigabit Ethernet Ports + 2-miniGBIC (SFP), Managed PoE Switch

- Optimized to be a network core; Rack mountable.
- PoE – up to 12 ports @ 15.4W. Total PoE power (180 W)
- IGMP snooping, L2/L3 policy filters for voice/video
- Rate limiting, policing ACLs, and storm control
- Secure management via SSH/SSL 802.1x and MAC filtering




SGE2000P PoE
Gigabit Ethernet Switch with 24-port 10/100/1000, 4 Shared SFP Slots, PoE, Stacking

- Fully resilient stacking provides optimized growth with simplified management
- Granular QoS options makes solution ideal for improved application experience
- Maximum security and control of traffic with policing, shaping, ACLs, and QoS
- Power over Ethernet (802.3af) 15.4W/port




SGE2010P PoE
48 10/100/1000 Ethernet ports, four mini-GBIC slots (shared with four Ethernet ports) for network expansion


- Secure, encrypted management via SSH and SSL, as well as 802.1x and MAC authentication and filtering
- Advanced security - Protect against "man in the middle" (eavesdropping) attacks - ARP Inspection, IP Source Guard, DHCP Snooping, STP Root Guard - Resilient stacking for web-based management of up to four supported switches at once




SRW2008
8-port 10/100/1000 Managed Gigabit Switch with Gig Copper or Fiber Expansion Slots



SRW2016
16-port 10/100/1000 Gigabit Switch with Gig Copper or Fiber Expansion Slots




SRW2024
24-port 10/100/1000 Gigabit Switch with Gig Copper or Fiber Expansion Slots



SRW2048
48-port 10/100/1000 Managed Gigabit Switch with 4 Shared mini-GBIC

- Optimized to be a network core
- Secure management via SSH/SSL
- 802.1x and MAC filtering
- IGMP snooping, L2/(L3) COS, queuing and scheduling for voice/video
- Rate limiting, policing, shaping and storm control



SGE2000
Gigabit Ethernet Switch with 24-port 10/100/1000 with 4 Shared SFP Slots, Stacking

- Fully resilient stacking provides optimized growth with simplified management
- Granular QoS options makes solution ideal for improved application experience
- Maximum security and control of traffic with policing, shaping, ACLs, and QoS

Cisco Small Business WebView™ Managed Switches

WebView lets you control and manage your network locally or remotely using a Web browser. WebView uses SSL (Secure Sockets Layer) and HTTPS for highly secure Web access. WebView-enabled switches also feature a console port so you can connect serially to the switch.

- Some WebView configuration options allow you to:
- Configure individual ports for speed and duplex mode
 - Enable and disable individual ports
 - Manage Quality of Service (QoS) for IP telephony and video using priority traffic settings
 - Create and manage Virtual Local Area Networks (VLANs) for up to 256 groups (depending on the switch)
 - Increase a single port's bandwidth by setting up Link Aggregation trunking groups where you can combine the bandwidth for multiple ports into a single (trunk) port.

Find out more: www.cisco.com/go/smbswitching