

Sophos Switch Series - Software Features

	Feature Availability per Model
Management and Configuration	
Switch Auto-Discovery	Y - all models
Dynamic VLAN Configuration	Y (GVRP) - all models
IEEE 802.1D MAC Bridging/STP	Y - all models
LAG group size (up to 8)	8 - all models
Total Link Aggregation Groups (Up to # of ports)	8 - all models
IGMP Snooping	Y - all models
Static Routing	Y - all models
802.1x Authentication	Y - all models
Syslog Collection	Y - all models
IP/MAC ACL	Y - all models
Jumbo Frames	Y (CS101-8/8FP: size 9K, per system setting) (other models: size 10K, per port setting)
Auto negotiation for Port Speed and Duplex	Y - all models
MDI/MDIX Auto-crossover	Y - all models
IEEE 802.1D MAC Bridging/STP	Y - all models
IEEE 802.1w Rapid Spanning Tree Protocol (RSTP)	Y - all models
IEEE 802.1s Multiple Spanning Tree Protocol (MSTP)	Y - all models
STP Root Guard	Y - all models
STP BPDU Guard	Y - all models
Edge Port / Port Fast	Y - all models
IEEE 802.1Q VLAN Tagging	Y - all models
Guest VLAN and Voice VLAN	Y - all models
IEEE 802.3ad Link Aggregation with LACP	Y - all models
Unicast/Multicast traffic balance over trunk port	Y - all models
IEEE 802.1AX Link Aggregation	Y - all models
Spanning Tree Instances (MSTP/CST)	Y - all models
IEEE 802.3x Flow Control and Back-pressure	Y - all models
IEEE 802.3 10Base-T	Y - for 100 series only (not supported on 200 series)
IEEE 802.3u 100Base-TX	Y - all models
IEEE 802.3z 1000Base-SX/LX	Y - all models
IEEE 802.3ab 1000Base-T	Y - all models
IEEE 802.3bz Gigabit Ethernet support	Y - all models
IEEE 802.3 CSMA/CD Access Method and Physical Layer Specifications	Y - all models
Storm Control	Y - all models
Port Mirroring	Y - all models
DHCP Relay	Y - all models

	Feature Availability per Model
Security and Visibility	
ACL - max entries	Currently limited to 16 per port
IEEE 802.1x authentication Port-based	Y - all models
IEEE 802.1x Authentication MAC Access Bypass (MAB)	Y - all models
IEEE 802.1x Guest VLAN	Y - all models
IEEE 802.1ab Link Layer Discovery Protocol (LLDP)	Y - all models
IEEE 802.1ab LLDP-MED	Y - LLDP MED PoE models only
DHCP-Snooping	Y - all models
Quality of Service	
IEEE 802.1p Based Priority Queuing	Y - all models
IP TOS/DSCP Based Priority Queuing	Y - all models
Management	
IPv4 and IPv6 Management <i>IP assignment supports DHCP or Static address. Sophos defines default mode of operation</i>	Y - all models
SSH	Y - all models
HTTPS	Y - all models
SNMP v1/v2c/v3	Y - all models
SSH, Web Interface, and API	Y - all models
Sophos Central	Y - all models
RFC and MIB Support	
DHCP Client	Y - all models
RFC 854 Telnet Server	Y - all models
RFC 2865 RADIUS	Y - (802.1X auth.) all models
RFC 1843 Ethernet-like Interface MIB	Y - all models
RFC 1213 MIB-II	Y - all models
RFC 1157 SNMPv1/v2c	Y - all models

Last updated: May 23, 2022

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