

Layer 2 Ethernet Switches

Cost-effective 1-Gigabit Ethernet networking including a Power-over-Ethernet model and featuring Energy Efficient Ethernet – **We Keep IT Green®**

Accessories

Rear View



Model	SSE-G2252P (52 ports; 48 with Power-over-Ethernet)	SSE-G2252 (52 ports)
General Specifications:	<ul style="list-style-type: none"> 48 RJ45 10/100/1000 Mbps Ports 4 SFP 1-G Ports Non-Blocking Standard L2 Features IPv4 and IPv6 RJ45 Console Port: Web Management, CLI Power-over-Ethernet (IEEE802.3at) <ul style="list-style-type: none"> Up to 30W per port Up to 400W total PoE budget 	<ul style="list-style-type: none"> 48 RJ45 10/100/1000 Mbps Ports 4 SFP 1-G Ports Non-Blocking Standard L2 Features IPv4 and IPv6 RJ45 Console Port: Web Management GUI, CLI
Switching Capacity	<ul style="list-style-type: none"> 104 Gbps 	<ul style="list-style-type: none"> 104 Gbps
Energy Efficient Ethernet	<ul style="list-style-type: none"> 802.3az 	<ul style="list-style-type: none"> 802.3az
Power Supply	<ul style="list-style-type: none"> 500W 	<ul style="list-style-type: none"> 65W
Weight	<ul style="list-style-type: none"> 11.7 lbs / 5.3kg 	<ul style="list-style-type: none"> 6.8 lbs / 3.1kg
Dimensions (WxDxH)	<ul style="list-style-type: none"> 440 x 379 x 43mm (17.3" x 14.9" x 1.7") 	<ul style="list-style-type: none"> 440 x 279 x 43mm (17.3" x 11" x 1.7")
Switching Features	<ul style="list-style-type: none"> 16K MAC address entries Link Aggregation <ul style="list-style-type: none"> 802.3ad with LACP Up to 12 aggregation groups up to 8 ports per group Double tagging: <ul style="list-style-type: none"> 802.1 Q-in-Q 802.1ad provider bridge Unqualified learning and forwarding 	<ul style="list-style-type: none"> Storm protection <ul style="list-style-type: none"> Broadcast Multicast IGMP: <ul style="list-style-type: none"> IGMP snooping v1/v2/v3 Spanning tree <ul style="list-style-type: none"> 802.1D spanning tree 802.1s multiple Jumbo frames up to 9KB
VLAN	<ul style="list-style-type: none"> 802.1Q tagging, port and protocol based Dynamic VLAN Support (GVRP) 	<ul style="list-style-type: none"> 4K VLANs; 256 active Voice VLAN support
Quality of Service (QoS)	<ul style="list-style-type: none"> L2/L3/L4 Traffic Classification/ Priority Management Deficit WRR and Strict Priority Scheduling Traffic shaping <ul style="list-style-type: none"> IP based (all ports) Port based (all ports) Port based shaping QoS aware 4 priority queues per port IPv4/v6 DiffServ 	<ul style="list-style-type: none"> Per port bandwidth management <ul style="list-style-type: none"> Resolution 64KB Packet prioritization based on ingress/egress ports using pre-defined value Ingress/Egress metering at 64KB increments <ul style="list-style-type: none"> Ingress/egress policer Ingress and egress co-work
Security Features	<ul style="list-style-type: none"> 802.3x Port-Based Authentication Switch access password protection Layer 2, 3, 4 Access Control List (512 rules) 	<ul style="list-style-type: none"> RADIUS and TACACS+ Authentication SSH/SSL Encryption
Management Features	<ul style="list-style-type: none"> Web-based management interface – HTTP/HTTPS <ul style="list-style-type: none"> Telnet (4 sessions) SNMP Industry standard CLI with telnet, SSH, or local management port <ul style="list-style-type: none"> Scripting capability Command completion Context-sensitive "Help" 	<ul style="list-style-type: none"> Software upgrade/download Multiple configuration file upload/download by TFTP and HTTP Auto upgrade DHCP functions Telnet-Server SNMP v1/v2c/v3 RMON
PoE Features	<ul style="list-style-type: none"> Compliant with IEEE 802.3af-2003 & IEEE 802.3at-2009 PoE on 10/100/1000Base-T ports only (ports 1~48) Power start/stop (remote sense) Power feeding over 1/2 and 3/6 data twisted pair of Cat. 5 UTP/STP cable Independent overload and short-circuit protection for each port LED indicators for power status per port Per port configuration Port priority configuration IEEE 802.3af/IEEE 802.3at MIB for Power over Ethernet function 	
Operating Temperature	<ul style="list-style-type: none"> 0 ~ 50°C 	

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