

GES-2118P Hilbert 18-Port Gigabit PoE Smart Lite Switch, 16 PoE Outputs, 2 x Gigabit SFP, 802.3at/af PoE, 230W PoE Power Budget

Product Images



Short Description

- 16 PoE-Plus Gigabit Ethernet ports supports PoE Watchdog and 2 Gigabit SFP slots
- Total PoE power budget: 230W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- Supports 8K MAC address auto-learning and auto-aging
- 9K jumbo frames to increase data transfer rates
- IP Multicast Filtering through IGMP Snooping V1 / V2
- 802.1Q tag-based VLAN allows network segmentation to enhance performance and security
- IEEE 802.1p QoS with 4 priority queues

- Supports unknown unicast / broadcast / multicast storm control
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- 4KV surge protection, 6KV contact / 8KV air ESD protection
- Web-based and smart lite Management
- Supports LevelOne IP Locator for easier IP management.

Description

The LevelOne GES-2118P Hilbert gigabit PoE smart lite switch is a next-generation Ethernet Switch offering powerful better PoE functionality and usability that delivers the cost-effectively business and transports Ethernet services via fiber or copper connections. GES-2118P delivers 16 (10M/100M/1G) RJ45/PoE+ (Support 802.3at/af, and total up to 230W) ports and 2 Gigabit SFP ports. can be matched with the latest LevelOne IP Locator, the software is the easiest to use switch discovery tool, it can search all Hilbert series switches, instantly know the forgotten IP and other info. Compatible with mainstream Windows and Mac operating systems.

The LevelOne GES-2118P provides high HW performance and environment flexibility for Enterprises. GES-2118P is ideal to deliver management simplicity, optimum user experience, and lower total cost of ownership.

Additional Information

Harmonized System (HS) code	851762
Customs product code (TARIC)	8517620000
Features	L2 Switching Features ● IGMP Snooping ● Link Aggregation (Supports static link aggregation) ● Port Mirroring ● Cable Test VLAN ● Supports up to 32 VLANs (out of 4K VLAN IDs) ● MTU/Port/802.1Q VLAN Quality of Service (QoS) ● Support Port-based/802.1p/DSCP priority ● Support 4 priority queues ● Rate Limit ● Storm Control
Management	● Web-based Graphic User Interface (GUI) ● Supports LevelOne IP Locator for easier IP management.
Data rate	Gigabit Ethernet
PoE Power Budget	Total 230.00
PoE Supported	Yes
Concurrent ports	Total 18.00
Fanless	No
Manageable	Yes
Series	HILBERT series
Grade	Commercial
Embedded system	SoC
Approval and Compliance	● CE ● UKCA ● FCC Part 15, Subpart B Class B ● RoHS
Operating humidity	10% RH ~ 90% RH
Operating temperature	0°C ~ 45°C
Storage humidity	5% RH ~ 95% RH
Storage temperature	-40°C ~ 70°C
Package Contents	● GES-2118P ● Power Cord ● 19" Rack Mount Kit ● Quick Installation Guide ● Declaration of Conformity
Switching capacity	36 Gbps

Dimensions (W x D x H)	440 x 190 x 44.5 mm
Product weight (kg)	2.4 kg
Color	Black
EAN	4015867229224
Model Number	GES-2118P
Acoustic noise (dB)	30 dB (A)
Backplane (Gbps)	36
Flash memory size	2 MB
Packet forwarding rate	26.784 Mpps
Heat dissipation	81.89 (Btu/H)
Indicators	Power, System, Link/Act, PoE
Jumbo frame (KB)	9 K
MAC address table	8 K
Mount	19" rack mount, Desk mount
MTBF	43,800 hrs
Packet buffer	4.1 Mbits
Pin assignment and polarity	1/2 (+), 3/6 (-)
Port Configuration	16x 10/100/1000 Mbps PoE+ copper downlink ports, 2x 100/1000 Mbps SFP Uplink Ports
Power consumption	250W (full loading/PoE on)
Power supply	100-240 VAC, 50-60 Hz
Power supply included	Yes
Standard	<ul style="list-style-type: none"> ● IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3z 1000BASE-X (Gigabit Ethernet) ● IEEE 802.3x Flow Control (full-duplex flow control) ● IEEE 802.3af Power over Ethernet (PoE) ● IEEE 802.3at Power over Ethernet Plus (PoE+) ● IEEE 802.3az: Energy Efficient Ethernet

