

GES-2105P Hilbert 5-Port Gigabit PoE Smart Lite Switch, 802.3at/af PoE, 4 PoE Outputs, 60W PoE Power Budget

Product Images



Short Description

- 4 PoE-Plus Gigabit Ethernet ports supports PoE Watchdog
- Total PoE power budget: 60W, up to 30W per port
- IEEE 802.3af/at PoE compliant to simplify deployment and installation
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 2K 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-2105P 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 copper connections. the GES-2105P offers 5 (10M/100M/1G) RJ45, of which 4 are PoE+ (support 802.3at/af, and up to 60W in total) 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-2105P provides high HW performance and environment flexibility for Enterprises. GES-2105P 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 60.00
PoE Supported	Yes
Concurrent ports	Total 5.00
Fanless	Yes
Manageable	Yes
Series	HILBERT series
Grade	Commercial
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
Package Content	Quick installation guide, Power adapter
Storage humidity	5% RH ~ 95% RH
Storage temperature	-40°C ~ 70°C
Package Contents	 GES-2105P ● Power adapter with power cord Quick Installation Guide ● Declaration of Conformity
Switching capacity	10 Gbps

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Dimensions (W x D x H) Product weight (kg) O.4 kg Color Black EAN 4015867229194 Model Number GES-2105P Embedded system SoC Acoustic noise (dB) 0 dB (A) Backplane (Gbps) 10 Flash memory size 2 MB Packet forwarding rate 7.44 Mpps Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes IEEE 802.3u 1000BASE-TX (Fast Ethernet) ● IEEE 802.3a Power over Ethernet Plus		
Color Black EAN 4015867229194 Model Number GES-2105P Embedded system SoC Acoustic noise (dB) 0 dB (A) Backplane (Gbps) 10 Flash memory size 2 MB Packet forwarding rate 7.44 Mpps Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes Standard IEEE 802.31 10-BASE-T ([Ethernet] ● IEEE 802.33	Dimensions (W x D x H)	160 x 95 x 29 mm
EAN 4015867229194 Model Number GES-2105P Embedded system SoC Acoustic noise (dB) 0 dB (A) Backplane (Gbps) 10 Flash memory size 2 MB Packet forwarding rate 7.44 Mpps Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ■ IEEE 802.3 at 1000BASE-T (Gigsdibit Ethernet) ■ IEEE 802.3 at 1000BASE-T (Gigsdibit Ethernet) ■ IEEE 802.3 at Power over Ethernet ● IEEE 802.3 at Power over Ethern	Product weight (kg)	0.4 kg
Model Number GES-2105P Embedded system SoC Acoustic noise (dB) 0 dB (A) Backplane (Gbps) 10 Flash memory size 2 MB Packet forwarding rate 7.44 Mpps Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes Standard IEEE 802.3 10-BASE-TX (Fast Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3s Flow Control (full-duplex flow control) ● IEEE 802.3a Flow Control (full-duplex flow control) ●	Color	Black
Embedded system SoC Acoustic noise (dB) 0 dB (A) Backplane (Gbps) 10 Flash memory size 2 MB Packet forwarding rate 7.44 Mpps Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3sx Flow Control (full-duplex flow control) ● IEEE 802.3st Power over Ethernet ● IEEE 802.3at	EAN	4015867229194
Acoustic noise (dB) Backplane (Gbps) 10 Flash memory size 2 MB Packet forwarding rate 7.44 Mpps Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes Standard Standard Power over Ethernet ● IEEE 802.3u Flow Control (full-duplex flow control) ● IEEE 802.3u Power over Ethernet ● IEEE 802.3at	Model Number	GES-2105P
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Flash memory size 2 MB Packet forwarding rate 7.44 Mpps Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3at 1000-BASE-TX (Fast Ethernet) ● IEEE 802.3at Flow Control (full-duplex flow control) ● IEEE 802.3at Power over Ethernet Plus ● IEEE 802.3at Plus Description Plus ● IEEE 802.3at Plus Plus ● IEEE 802.	Acoustic noise (dB)	0 dB (A)
Packet forwarding rate 7.44 Mpps Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3at 100-BASE-T (Gigabit Ethernet) ● IEEE 802.3at Power over Ethernet ● IEEE 802.3at Power over Ethernet ● IEEE 802.3at Power over Ethernet Pous ● IEEE 802.3at Power over Ethernet P	Backplane (Gbps)	10
Heat dissipation 23.88 (Btu/H) Indicators Power, Link/Act Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3at Power over Ethernet ●	Flash memory size	2 MB
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Jumbo frame (KB) 9 K MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3 ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3 ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3 at Power over Ethernet Plus ● IEEE 802.3 at Power over Ethernet Plus ● IEEE 802.3 at Energy	Heat dissipation	23.88 (Btu/H)
MAC address table 2 K Mount Desk mount, Wall mount MTBF 43,800 hrs Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes IEEE 802.3 10-BASE-T (Ethernet) IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) IEEE 802.3at Flow Control (full-duplex flow control) IEEE 802.3at Power over Ethernet IEEE 802.3az: Energy	Indicators	Power, Link/Act
MountDesk mount, Wall mountMTBF43,800 hrsPacket buffer1.5 MbitsPin assignment and polarity1/2 (+), 3/6 (-)Port Configuration4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet portPower consumption65W (full loading/PoE on)Power supply54 VDC, 1.2A 64.8WPower supply includedYesIEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3at Flow Control (full-duplex flow control) ● IEEE 802.3af Power over Ethernet ● IEEE 802.3at Power over Ethernet ● IEEE 802.3at	Jumbo frame (KB)	9 K
MTBF Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3x Flow Control (full-duplex flow control) ● IEEE 802.3at Power over Ethernet ● IEEE 802.3at: Energy	MAC address table	2 K
Packet buffer 1.5 Mbits Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3x Flow Control (full-duplex flow control) ● IEEE 802.3at Power over Ethernet ● IEEE 802.3at Power over Ethernet ● IEEE 802.3az Energy	Mount	Desk mount, Wall mount
Pin assignment and polarity 1/2 (+), 3/6 (-) Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes • IEEE 802.3 10-BASE-T (Ethernet) • IEEE 802.3u 100-BASE-TX (Fast Ethernet) • IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) • IEEE 802.3x Flow Control (full-duplex flow control) • IEEE 802.3at Power over Ethernet • IEEE 802.3at Power over Ethernet • IEEE 802.3az: Energy	MTBF	43,800 hrs
Port Configuration 4x 10/100/1000 Ethernet PoE+ ports, 1x 10/100/1000 Ethernet port Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3x Flow Control (full-duplex flow control) ● IEEE 802.3at Power over Ethernet ● IEEE 802.3at: Energy	Packet buffer	1.5 Mbits
Power consumption 65W (full loading/PoE on) Power supply 54 VDC, 1.2A 64.8W Power supply included Yes ■ IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3x Standard Flow Control (full-duplex flow control) ● IEEE 802.3at Power over Ethernet ● IEEE 802.3az: Energy	Pin assignment and polarity	1/2 (+), 3/6 (-)
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Power supply included • IEEE 802.3 10-BASE-T (Ethernet) • IEEE 802.3u 100-BASE-TX (Fast Ethernet) • IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) • IEEE 802.3x Standard • Standard • IEEE 802.3 10-BASE-T (Ethernet) • IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) • IEEE 802.3x Flow Control (full-duplex flow control) • IEEE 802.3af Power over Ethernet • IEEE 802.3at Power over Ethernet Plus • IEEE 802.3az: Energy	Power consumption	65W (full loading/PoE on)
● IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3x Standard Flow Control (full-duplex flow control) ● IEEE 802.3at Power over Ethernet ● IEEE 802.3at Power over Ethernet Plus ● IEEE 802.3az: Energy	Power supply	54 VDC, 1.2A 64.8W
100-BASE-TX (Fast Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3x Standard Flow Control (full-duplex flow control) ● IEEE 802.3af Power over Ethernet ● IEEE 802.3at Power over Ethernet Plus ● IEEE 802.3az: Energy	Power supply included	Yes
	Standard	100-BASE-TX (Fast Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3x Flow Control (full-duplex flow control) ● IEEE 802.3af Power over Ethernet ● IEEE 802.3at Power over Ethernet Plus ● IEEE 802.3az: Energy

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