DATASHEET

Hilbert 28-Port Gigabit Smart Lite Switch



General data

Short Description
- 24 Gigabit Ethernet ports and 4 Gigabit SFP/RJ45 Combo
- 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-2128 Hilbert gigabit smart lite switch is a next-generation Ethernet Switch offering powerful better functionality and usability that delivers the cost-effectively business and transports
Ethernet services via fiber or copper connections. GES-2128 delivers 24 (10M/100M/1G) RJ45 ports and 4 Combo GbE RJ45/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-2128 provides high HW performance and environment flexibility for Enterprises. GES-2128 is ideal to deliver management simplicity, optimum user experience, and lower total cost of ownership.

Additional Information
- Approval and compliance l CE l UKCA l FCC Part 15, Subpart B Class B l RoHS
- Operating humidity: 10% RH ~ 90% RH
- Operating temperature: 0°C ~ 45°C

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

Hilbert 28-Port Gigabit Smart Lite Switch

- Storage humidity: 5% RH ~ 95% RH
- Storage temperature: -40°C ~ 70°C
- Embedded system: SoC
- Acoustic noise: (dB) 0 dB (A)
- Packet buffer: 4.1 Mbits
- Indicators: Power, System, Link/Act
- Jumbo frame (KB): 9 K
- MAC address table: 8 K
- Flash memory size: 2 MB
- Mount 19" rack mount, Desk mount
- Power supply: 100-240 VAC, 50-60 Hz
- Standards:
IEEE 802.3 10-BASE-T (Ethernet) l IEEE 802.3u 100-BASE-TX (Fast Ethernet) l IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) l IEEE 802.3z 1000BASE-X (Gigabit Ethernet) l IEEE 802.3x Flow Control (full-duplex flow control) l IEEE 802.3az: Energy Efficient Ethernet
- Port Configuration: 28
- Features:
L2 Switching Features l IGMP Snooping l Link Aggregation (Supports static link aggregation) l Port Mirroring l Cable Test VLAN l Supports up to 32 VLANs (out of 4K VLAN IDs) l MTU/Port/802.1Q VLAN Quality of Service (QoS) l Support Port-based/802.1p/DSCP priority l Support 4 priority queues l Rate Limit l Storm Control
- Management l Web-based Graphic User Interface (GUI) l Supports LevelOne IP Locator for easier IP management.
- Product weight (kg): 1.95 kg
- Color: Black
- Package Contents: GES-2128 l Power Cord l 19" Rack Mount Kit l Quick Installation Guide l Declaration of Conformity
- Switching capacity: 56 Gbps
- Grade: Commercial
- Data Rate: Gigabit Ethernet
- PoE Supported: No
- Manageable: Yes
- Fanless: Yes
- Concurrent ports Total: 28
- Series: HILBERT series
- Power consumption: 20 W
- Heat dissipation: 68.24 (Btu/H)
- MTBF: 43,800 hrs

Technical properties	
10 Gigabit Ethernet	False
Depth	190.0 mm

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Ethernet	True
Fast Ethernet	True
Gigabit Ethernet	True
Height	44.5 mm
Manageable	True
Manufacturer	LevelOne
Mounting method	482.6 mm (19 inch) mounting
Number of Copper Ports	24
Number of Fiber Ports	4
Number of combination-ports RJ45/Mini GBIC	4
Number of ports 10/100/1000 Mbps RJ45	24
Width	440.0 mm

Available variants

ArtNr.	Bezeichnung	Unique
GES-2128	Hilbert 28-Port Gigabit Smart Lite Switch	Unique

Note on Intended Use

This data sheet is intended solely to describe the technical characteristics of the product. It does not replace an assessment of the product's suitability for a specific application. The user is responsible for ensuring that the product is used in accordance with its technical specifications and applicable legal and regulatory requirements.

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