# GES-2216 Hilbert 16-Port 10-inch Gigabit Smart Lite Switch

## Product Images

## Short Description

- 16 Gigabit Ethernet ports
- 1000Mbps full-duplex, 10/100Mbps full/half-duplex, auto-negotiation, auto-MDI/MDIX
- Supports 8K MAC address auto-learning and auto-aging
- 10K 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
- Support Dumb and Web Smart two mode by dip switches
- Web-based and smart lite Management

- Supports LevelOne IP Locator for easier IP management.

## Description

If you're in search of a networking solution that fits your 10-inch rack/enclosure, the LevelOne GES-2216 Hilbert gigabit smart lite switch is an excellent option. This next-generation Ethernet switch delivers better functionality and usability, making it cost-effective for businesses and organizations.

The switch offers 16 (10M/100M/1G) RJ45 ports and is compatible with the latest LevelOne IP Locator, the easiest-to-use switch discovery tool, which can search all Hilbert series switches and instantly know forgotten IP and other info. Additionally, it's compatible with mainstream Windows and Mac operating systems.

With both dumb and smart Switchable usage modes, the switch is easily configurable using a DIP switch. It provides high-speed connectivity for all your devices, with 16 Gigabit ports. The support for 802.1q VLAN allows you to segment your network for enhanced security and performance.

The switch supports Port Mirroring, which allows you to monitor network traffic in real-time. Additionally, with Port-Based/802.1p/DSCP priority QoS and support for Storm Control, you can prioritize network traffic correctly and ensure that your network remains secure.

The advanced features like Loop Detection/Prevention make sure your network is always safe and reliable. Moreover, the web-based user interface and Smart-Configuration Utility make IP configuration a breeze. Upgrade your networking today with this powerful switch, and enjoy the ultimate performance, security, and ease of use.

## Additional Information

| | |
|---|---|
| Color | Black |
| EAN | 4015867229989 |
| Model Number | GES-2216 |
| 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. |
| Grade | Commercial |
| Data rate | Gigabit Ethernet |
| PoE Supported | No |
| Manageable | Yes |
| Fanless | Yes |
| Series | HILBERT series |
| Embedded system | SoC |

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|---|---|
| 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-2216 ● Power Cord ● 10" Rack Mount Kit ● Quick Installation Guide ● Declaration of Conformity |
| Switching capacity | 32 Gbps |
| Product weight (kg) | 0.838 |
| Dimensions (W x D x H) | 215 x 150 x 44.5 mm |
| Power consumption | 10.5 W |
| MTBF | 43,800 hrs |
| Packet forwarding rate | 23.808 Mpps |
| Heat dissipation | 35.8 (Btu/H) |
| Standards | ● 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 802.3az: Energy Efficient Ethernet ● IEEE 802.1q VLANs/VLAN tagging ● IEEE 802.1p QoS |
| Power supply | 100-240 VAC, 50-60 Hz |
| Acoustic noise (dB) | 0 dB (A) |
| Mount | Desk mount, 10" rack mount |
| Flash memory size | 2 MB |
| MAC address table | 8 K |
| Jumbo frame (KB) | 10 KB |
| Indicators | Power, Link/Act |
| Dip switch | WEB Management (Enable/Disable) |
| Packet buffer | 4.1 Mbits |