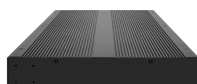


DATASHEET

Hilbert 28-Port Industrial Smart Lite Gigabit Switch



General data

- 24 Gigabit Ethernet ports and 4 Gigabit SFP/RJ45 combo
- Web-based Smart Lite real-time management
- Supports LevelOne IP Locator for easier IP management
- 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 enables network segmentation to improve performance and security
- IEEE 802.1p QoS with 4 priority queues
- Supports storm control for unknown unicast/broadcast/multicast
- Minimizes carbon footprint with energy efficient technology (IEEE 802.3az)
- Operating temperature range from -40°C to 75°C
- 4KV surge protection, 6KV contact/8KV air ESD protection
- Installation kit for 19 inch rack included

The LevelOne IGS-2128 Hilbert 28-Port Industrial Gigabit Smart Lite Switch is a latest generation Ethernet switch that combines performance, improved functionality and ease of use. The IGS-2128 offers 24 (10M/100M/1G) full-fledged RJ45 ports, as well as 4 combo RJ45 ports that are available. With the standard 19" mounting frame and the clearly visible status LEDs, the switch offers easy monitoring of the port connections. The new LevelOne IP Locator, the simple switch discovery software, can search all Hilbert series switches and display information about the switch and IP configuration. It is compatible with most popular Windows and Mac operating systems. The LevelOne IGS-2128 offers high hardware performance and environmental flexibility for businesses. Additionally,

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Hilbert 28-Port Industrial Smart Lite Gigabit Switch

the IGS-2128 is ideal for easy management, optimal usability and lower total cost of ownership.

General

Color: Black

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

Administration

- Web-based Graphic User Interface (GUI)
- Supports LevelOne IP Locator for easier IP management.

Miscellaneous

Data rate Gigabit Ethernet

PoE Supported No

Fanless Yes

Manageable Yes

Series HILBERT series

Grade industrial

Others

Approvals and Compliance

- CE
- UKCA
- FCC Part 15, Subpart B Class B
- RoHS

Operating humidity 10% RH ~ 90% RH

Operating temperature -40°C ~ 75°C

Storage humidity 5% RH ~ 95% RH

Storage temperature -40°C ~ 85°C

Scope of delivery

- IGS-2128
- Power Terminal Block
- 19" Rack Mount Kit
- Quick Installation Guide

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Hilbert 28-Port Industrial Smart Lite Gigabit Switch

● Declaration of Conformity

Performance

Switching capacity 56 Gbps

Physical Specifications

Dimensions (W x D x H) 440 x 242 x 45 mm

Product weight (kg) 2.44 kg

System specifications

Acoustic noise (dB) 0 dB (A)

Flash memory size 2 MB

Heat dissipation 68.24 (Btu/H)

Indicator Power, System, Link/Act

Jumbo frames (KB) 9 K

MAC address table 8K

Attachment 19" rack mount

MTBF 43,800 hrs

Packet buffer 4.1 Mbits

Port Configuration 24x 10/100/1000 Mbps RJ-45 copper ports, 4 Gigabit copper/SFP combo

Energy consumption 20 W

Input voltage redundant dual DC 12V/24V/48V

Power supply VDC 12~57V

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

Technical properties

Gigabit Ethernet	True
Manageable	True
Manufacturer	LevelOne
Mounting method	482.6 mm (19 inch) mounting
Number of combination-ports RJ45/Mini GBIC	4
Number of ports 10/100/1000 Mbps RJ45	24

Available variants

ArtNr.	Bezeichnung	Unique
IGS-2128	Hilbert 28-Port Industrial Smart Lite Gigabit 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

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Hilbert 28-Port Industrial Smart Lite Gigabit Switch

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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