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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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

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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