DATASHEET







General data

8 Gigabit PoE ports and 2 Gigabit SFP slots
Port 1&2 10/100/1000Base-T RJ45(IEEE 802.3bt) PoE 90W
Ports 3 to 8 support IEEE 802.3at Power over Ethernet (PoE+)
Compliant with IEEE802.3af/at/bt
Supports L2 management, such as QoS, VLAN, MSTP, port management and PoE management
Supports ERPS for Ring topologies
6KV surge protection, 8KV contact /15KV air ESD protection
Supports DIN rail, wall or desktop mounting
Working temperature range from -40°C to 75°C

The LevelOne IGP-1061 Layer2 Managed Gigabit PoE Industrial Switch offers 8 PoE 10/100/1000Base-T ports and 2 Gigabit SFP ports to enable high-speed networks in mission-critical environments. With industrial standard DIN rail mounting and highly visible status LEDs, easy monitoring of port connection activity is possible. Additionally, the SFP slots support pluggable modules, allowing you to choose from a variety of transceivers. This switch is a Power Sourcing Equipment (PSE) and is fully compliant with the IEEE802.3af/at/bt PoE standard with a maximum power budget of 90W on port 1 and 2. It helps to dramatically reduce infrastructure cabling costs , as there is no need for electrical wiring and fewer UPSs are required.

General
Color: Black

This datasheet was created automatically on 02-11-2026 . Technical changes reserved.

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WIR SORGEN FÜR VERBINDUNG
WE CARE FOR CONNECTION

Features
L2 Features:
1. Port configuration
● Auto negotiation
● Flow control
● Port Mirror
● Traffic statistics

2. Link Aggregation:
● Static link aggregation
● LACP
● Algorithm based on Source/Destination MAC
● Algorithm based on Source/Destination IP
● 8 groups
● 8 ports per group

3. MAC Table:
● Aging time
● Static MAC address
● Dynamic MAC address management

4. VLAN:
● 4K Active VLANs
● 4K VID
● 802.1Q Tag VLAN
● Port VLAN
● Protocol VLAN
● MAC VLAN
● Management VLAN
● Voice VLAN
● Q-in-Q

5.ACL:
● 64 ACLs
● L2, L3 and L4
● Time-based ACL

6. Spanning tree :
● 802.1D Spanning Tree Protocol (STP)
● 802.1w Rapid Spanning Tree Protocol (RSTP)
● 802.1s Multiple Spanning Tree Protocol (MSTP)
● Loop Guard
● Root Guard
● TC-BPDU Guard
● BPDU Guard

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● BPDU filters

7.Ring protocol:
● MSTP/EAPS/ERPS

8.Multicast:
● 256 groups
● IGMP v1/v2/v3
● Fast Leave
● Multicast VLAN
● Static Multicast
● Multicast filters
● IGMP Statistics
● MLD snooping

9. PoE management:
● Support total power consumption control
● Support single port PoE ON/OFF
● Support port output priority

10.QoS:
● 4 priority queues
● CoS port-based
● CoS 802.1p based
● CoS DSCP based
● Scheduling algorithms SP, WRR, SP+WRR
● Storm Control (Broadcast, Multicast, Unknown Unicast)
● Bandwidth control per port

Other features:
● DHCP relay
● DHCP client
● DHCP snooping
● DHCP option 82
● SNTP client
● BOOTP client

Maintenance:
● Ping and Tracert
● System log (local and remote)
● Memory and CPU monitoring
Administration Management:
● SNMP v1/v2c/v3
● RMON 4 groups
● WEB (HTTP/HTTPS)

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● CLI (Telnet, Console, SSHv1/v2)
● Firmware upgrade via console/web/TFTP
● Configuration backup/reload
● All possible configurations in the CLI must exist in the WEB interface
● LLDP
Security Security:
● Port Security
● MAC address filter
● ARP Association (Manual, ARP scanning, DHCP snooping)
up to 200 entries
● ARP Protection
● DoS (Denial of Service)
● Classification of packages based on: End.MAC, IP End, TCP / UDP Ports, Protocol Type
● 802.1x authentication (port-based and MAC-based)
● TACACS/TACACS+ authentication
● RADIUS Authentication
● DHCP filters
● Guest VLAN
● SSLv2/SSLv3/TLSv1
● SSHv1/SSHv2
● Restriction of WEB access based on: IP Address, And. MAC and Port
● Port isolation
● Local User Name Password Authentication (2 levels)
● Loopback detection

Miscellaneous
Grade industrial
Data rate Gigabit Ethernet
PoE Supported Yes
Manageable Yes
Fanless Yes
Concurrent ports 10.00 ports
PoE power budget 360.00 watts
Non-disclosure
Embedded system VxWorks

Others
Approvals and Compliance
● CE
● RoHS
Operating humidity 0%RH ~ 95%RH
Operating temperature -40°C ~ 75°C
Storage humidity 0%RH ~ 95%RH
Storage temperature -40°C ~ 85°C
Scope of delivery

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WE CARE FOR CONNECTION

- IGP-1061
- Power Terminal Block
- Console Cable
- Din rail mount kit
- Quick Installation Guide
- Declaration of Conformity

Physical Specifications
Product weight (kg) 0.5
Dimensions (W x D x H) 165 x 115 x 50 mm

System specifications
power consumption
- 5W (without PoE)
- 380W (full loading PoE on)

MTBF 338,634 hrs
Port Configuration 8*10/100/1000 RJ-45(PoE), 2*1000 Mbps SFP
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
- IEEE802.3x Flow Control and Back Pressure
- IEEE802.3af
- IEEE802.3at
- IEEE802.3bt

Power supply input: DC 48~57V
Acoustic noise (dB) 0 dB
Pin assignment and polarity 1/2 (+), 3/6 (-)
Attachment desk mount, DIN rail mount
Flash memory size 128 MB
RAM size 1024 MB
MAC address table 8K
Jumbo frames (KB) 10 KB
indicator
- Power: Ed
- Act/Link : Green
- PoE : Yellow

Packet buffer 1 Mbits
Backplane (Gbit/s) 20 Gbps

Tekniske egenskaber

Available variants

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ArtNr.	Bezeichnung	Unique
IGP-1061		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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