![levelone logo]

IGP-1061 10-Port L2 Managed Gigabit PoE Industrial Switch, 802.3AT/AF/BT PoE, DIN-RAIL, -40°C to 75°C

Product Images

Short Description

- 8 Gigabit PoE ports and 2 Gigabit SFP ports
- Port 1~2 10/100/1000Base-T RJ45(IEEE 802.3bt) PoE 90W

- Port 3~8 support IEEE 802.3at Power over Ethernet Plus (PoE+)
- Compatible with IEEE802.3af/at/bt
- Support L2 management, such as QoS, VLAN, MSTP, Multi-brocast, ports management and PoE management
- Supports ERPS for ring topology
- 6KV surge protection, 8KV contact /15KV air ESD protection
- Provides DIN-rail, wall or desktop mounting
- -40°C to 75°C operating temperature range

Description

The LevelOne IGP-1061 L2 Managed Gigabit PoE Industrial Switch, provides 8 PoE ports 10/100/1000Base plus 2 port Gigabit SFP to enable high speed network at mission-critical environment. With the industrial standard DIN-rail mount, plus the clearly visible status LEDs provide simple monitoring of port link activity. Moreover, the SFP slots support pluggable modules that enabling you to choose from a variety of transceivers. This switch is Power Sourcing Equipment (PSE), and it is fully complied with IEEE802.3af/at/bt PoE standard at maximum 90W(1-2 port) power budget. It helps to save infrastructure wiring costs dramatically by eliminating electric wiring and less UPS needed.

Additional Information

Approval and compliance	● CE ● RoHS
Max. operating humidity (%)	95
Max. operating temperature (°C)	75
Max. storage humidity (%)	95
Max. storage temperature (°C)	85
Min. operating temperature (°C)	-40
Min. storage temperature (°C)	-40
Embedded system	VxWorks
Acoustic noise (dB)	0 dB
Backplane (Gbps)	20 Gbps
Packet buffer	1 Mbits
Indicators	● Power : Red ● Act/Link : Green ● PoE : Yellow
Jumbo frame (KB)	10 KB
MAC address table	8 K
RAM size	1024 MB
Flash memory size	128 MB
Mount	Desk mount, DIN rail mount
Pin assignment and polarity	1/2 (+), 3/6 (-)
Power supply	Input: DC 48~57V
Chipset	RTL8380M
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

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 ● Private VLAN ● GARP/GVRP 5. ACL : ● 64 ACLs ● L2, L3 e 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 ● BPDU Filter 7. Ring protocol : ● MSTP/EAPS/ERPS 8. Multicast : ● 256 groups ● IGMP v1/v2/v3 ● Fast Leave ● Multicast VLAN ● Static Multicast ● Multicast Filter ● 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
Management	Management : ● SNMP v1/v2c/v3 ● RMON 4 grupos ● WEB (HTTP/HTTPS) ● 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 Autentication (port-based e MAC-based) ● TACACS/TACACS+ Autentication ● RADIUS Autentication ● DHCP Filter ● 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
Product weight (kg)	0.5
Product breadth (mm)	165
Product depth (mm)	115

Product height (mm)	50
Color	Black
EAN	4015867227886
Model number	IGP-1061
Package contents	● IGP-1061 ● Power Terminal Block ● Console Cable ● Din-rail Mount Kit ● Quick Installation Guide ● Declaration of Conformity
Grade	Industrial
Data Rate	Gigabit Ethernet
PoE Supported	Yes
Manageable	Yes
Fanless	Yes
Concurrent ports	Total10.00
PoE Power Budget	Total360.00
Power consumption	● 5W (without PoE) ● 380W (full loading PoE on)
MTBF	338,634 hrs