IGP-1271 TURING 12-Port L3 Lite Managed Gigabit Industrial Switch, 8 PoE Outputs, 240W, 802.3at/af PoE, 4 x SFP, -40°C to 75°C

Product Images

Short Description

- 8 Gigabit PoE ports and 4 Gigabit SFP slots
- Total PoE power budget: 240W, up to 30W per port
- Supports IPv4/IPv6 network operation
- Minimize carbon footprint with advanced energy efficient technology (IEEE 802.3az)
- Supports Operations, Administration, and Maintenance (OAM) mechanisms
- Ethernet Ring Protection Switching (ERPS) for Ethernet ring topologies with sub-50 ms failover capabilities
- -40°C to 75°C operating temperature range
- Redundant power inputs with Terminal Block
- The built-in Device Management System (DMS) provides management, diagnostics and monitoring to connected network components and devices
- 6KV surge protection level on each UTP ports

Description

The LevelOne IGP-1271, a L3 Lite Managed PoE Industrial Switch with 8 ports of Gigaibit RJ45 PoE and 4 ports of Gigabit SFP. This switch is offering full suite of L2 management features, better PoE functionality with 240W PoE power budget and usability, including advanced L3 features such as Static Route that delivers better cost performance and lower total cost of ownership in enterprise networks via fiber or copper connections.

Additional Information

Console RJ45	1
Gigabit RJ45	8
Gigabit SFP	4
802.3af/at PoE	8
Color	Grey
EAN	4015867202654
Model Number	IGP-1271
Features	L2 features: ● MAC-Based Authentication ● 802.1v Protocol-based VLAN ● Private VLAN ● MAC-based VLAN ● Protocol-based VLAN ● IP Subnet-based VLAN ● Voice VLAN ● ITU-T G.8031 Ethernet Linear Protection Switching (EPS) ● ITU-T G.8032 Ethernet Ring Protection Switching (ERPS) ● STP/RSTP/MSTP ● IGMP Snooping(v1/v2/v3) ● DHCP server/client ● Aggregation ● MVR ● MAC Table ● LLDP ● ERPS ● Mirroring ● GVRP ● sFlow ● UPnP ● UDLD ● QoS ● R-Ring,recover time <20ms,supports upto 250 switches ● Syslog ● SNMP ● SMTP ● NTP ● Config import/export L3 features: ● Static Route ● DHCP Server
Data rate	Gigabit Ethernet
PoE Power Budget	Total 240.00
PoE Supported	Yes
Concurrent ports	Total 12.00
Fanless	Yes
Manageable	Yes
Series	TURING series
Grade	Industrial
Approval and Compliance	● CE ● UL ● CB ● FCC Part 15 Class B ● RoHS ● EN55032 ● EN61000-4-2 ● EN61000-4-3 ● EN61000-4-4 ● EN61000-4-5 ● EN61000-4-6 ● IEC60068-2-32 ● IEC60068-2-27 ● IEC60068-2-6 ● LVD with EN 62368-1
Operating humidity	10% RH ~ 95% RH

Operating temperature	-40°C ~ 75°C
Storage humidity	10% RH ~ 90% RH
Storage temperature	-40°C ~ 85°C
Package Contents	IGP-1271, Mounting Kit, Console Cable, Quick Installation Guide, Resource CD (User Manual, QIG)
Switching capacity	24Gbps
Dimensions (W x D x H)	62 x 130 x 135 mm
Product weight (kg)	0.7
Backplane (Gbps)	Switching Bandwidth: 24 Gbps, Forwarding Performance : 17.856 Mpps
Dip switch	Rapid Chain/Ring Master ON(1 OR 2)
Flash memory size	32 MB
Heat dissipation	full loading(PoE on): 816.18BTU/hr
Indicators	Power, System, Alarm, Ring Master, Coupling, Port Status
MAC address table	8 K
Mount	DIN rail mount
Packet buffer	0.5 Mbits
Pin assignment and polarity	1/2 (+), 3/6 (-)
Power consumption	● DC 48V input : 6.72 W (Non-loading), 240 W (full loading) ● DC 52V input : 6.75 W (Non-loading), 239.20 W (full loading) ● DC 57V input : 6.27 W (Non-loading), 237.12 W (full loading)
Power input	Redundant Dual DC 48V-57V
Power supply	Optional, Terminal Block
RAM size	128 MB

Standards	● IEEE 802.3 10BASE-T ● IEEE 802.3u 100BASE-TX (Fast Ethernet) ● IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.3x Full Duplex and flow control ● IEEE 802.3z Gigabit Ethernet over Fiber-Optic ● IEEE 802.3ah OAM ● IEEE 802.3af Power over Ethernet ● IEEE 802.3at Power over Ethernet Plus ● IEEE 802.3az Energy Efficient Ethernet ● IEEE 802.1ag CFM (ITU-T Y.1731 Performance monitoring) ● IEEE 802.1s Multiple Spanning Tree (MSTP) ● IEEE 802.1X authentication ● IEEE 802.1ab (LLDP) ● IEEE 802.3ad Link aggregation control protocol ● IEEE 802.1w Fast Spanning Treel ● IEEE 802.1d Standard Spanning Tree ● IEEE 802.1D MAC Bridges ● IEEE 802.1p priority tags ● IEEE 1588v2 PTP ● IEEE 802.3ah OAM ● IEEE 802.1ag CFM (ITU-T Y.1731 Performance monitoring) ● IEEE 802.1v Protocol-based VLAN ● IEEE 802.1Q tag-based VLAN - up to 256 VLANs and 1~4095 VLAN IDs