

IGU-1271 TURING 12-Port L3 Lite Managed Gigabit Industrial Switch, 4 x SFP, DIN-Rail, -40°C to 75°C

Product Images



Short Description

- 8 Gigabit Ethernet ports and 4 Gigabit SFP slots
- 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 IGU-1271, a L3 Lite Managed Industrial Switch with 8 ports of Gigabit RJ45 and 4 ports of Gigabit SFP. This switch is offering full suite of L2 management features, 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
Color	Grey
EAN	4015867202661
Model Number	IGU-1271
Features	<p>VLAN: ● Private VLAN ● MAC-based VLAN ● Protocol-based VLAN ● IP Subnet-based VLAN ● Voice VLAN ● IEEE802.1q VLAN ● ITU-T G.8031 Ethernet Linear Protection Switching (EPS) ● ITU-T G.8032 Ethernet Ring Protection Switching (ERPS) ● IEEE 1588v2 PTP ● IEEE 802.3ah OAM ● IEEE 802.1ag CFM (ITU-T Y.1731 Performance monitoring) ● STP/RSTP/MSTP ● IGMP Snooping(v1/v2/v3) ● DHCP server/client ● Aggregation ● MVR ● MAC Table ● LLDP ● ERPS ● Mirroring ● GVRP ● UPnP ● 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</p>
Data rate	Gigabit Ethernet
PoE Supported	No
Concurrent ports	Total 12.00
Fanless	Yes
Manageable	Yes
Series	TURING series
Grade	Industrial
Embedded system	ECOS
Approval and Compliance	<p>● 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</p>
Operating humidity	10% RH ~ 90% RH

Operating temperature	-40°C ~ 75°C
Storage humidity	10% RH ~ 90% RH
Storage temperature	-40°C ~ 85°C
Package Contents	● IGU-1271 ● Din-rail Mount 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	36.03 BTU/hr (full loading PoE on)
Indicators	Power, System, Alarm, Ring Master, Coupling, Port Status
MAC address table	8 K
Mount	DIN rail mount
Packet buffer	0.5 Mbits
Power consumption	● DC 12V input : 5.16 W (Non-loading), 9.12 W (Full loading) ● DC 24V input : 5.28 W (Non-loading), 9.48 W (Full loading) ● DC 48V input : 6.24 W (Non-loading), 10.56 W (Full loading)
Power input	Redundant Dual DC 12V-58V
Power supply	Optional, Terminal Block
RAM size	128 MB

Standards

● IEEE 802.3 10-BASE-T (Ethernet) ● IEEE 802.3u 100-BASE-TX (Fast Ethernet) ● IEEE 802.3 ab 1000BASE-T (Gigabit Ethernet) ● IEEE 802.1D MAC Bridges ● IEEE802.1p priority tags ● IEEE802.1Q VLAN ● IEEE802.3 ac ● IEEE 802.1ab (LLDP) ● IEEE802.3 ad Link aggregation control protocol ● IEEE802.1w Fast Spanning Tree ● 802.1d Standard Spanning Tree ● IEEE 802.3 ah OAM ● IEEE 802.1ag CFM (ITU-T Y.1731 Performance monitoring) ● IEEE802.1s I Multiple Spanning Tree (MSTP) ● IEEE802.1X authentication ● IEEE802.3 az Energy Efficient Etherne