

IGU-1071 10-Port L2 Plus Managed Gigabit Industrial Switch, 8x 1GbE RJ45, 2x 1/2.5GbE SFP, DIN-Rail, -40°C to 75°C

Product Images



Short Description

Compact and Flexible Connectivity

Offers versatile connectivity with 8 10/100/1000Base-T RJ45 ports and 2 1000/2500Base-X SFP slots.

Robust Power and Environmental Resilience

Ensures reliable operation with redundant 12-58V DC power supply, advanced surge protection (6kV), and ESD protection (Air-15kV, Contact-8kV).

Designed for harsh environments with fanless IP40 Din-rail enclosure and wide operating temperature range (-40°C to +75°C).

High Availability and Performance

Delivers uninterrupted operation through G.8032 ERPS protocol with <20ms recovery time.

Supports advanced Layer 2 features including VLAN, STP/RSTP/MSTP, Link Aggregation, QoS, and IGMP Snooping for optimized network performance.

Comprehensive Layer 2 and Layer 3 Functionality

Offers robust Layer 2 management with VLAN, QinQ, port mirroring, ACL, and 802.1X for network segmentation and security.

Enables advanced Layer 3 routing with IPv4/IPv6 static routing, DHCP server, and other essential protocols.

Advanced Management and Maintenance

Simplifies configuration and management with user-friendly Web, SNMP, CLI, and Telnet interfaces.

Supports remote configuration, firmware upgrades, and system monitoring.

Description

The LevelOne IGU-1071 is a rugged L2+ managed industrial Ethernet switch built for demanding environments. Designed to excel in industrial automation, it offers comprehensive Layer 2 management and rapid failover capabilities. This switch ensures uninterrupted operations with its ERPS redundant network, boasting a sub-20ms recovery time.

Additional Information

Customs product code (TARIC)	851762
Management	<ul style="list-style-type: none"> ● Support LLDP ● Support user management and login authentication ● Support SNMP V1/V2C/V3 ● Support web management, HTTP1.1, HTTPS ● Support Syslog and alarm grading ● Support RMON(Remote Monitoring) alarm ● Support NTP ● Support temperature monitoring ● Support Ping , TRACERT ● Support optical transceiver DDM function ● Support TFTP Client ● Support Telnet Server ● Support SSH Server ● Support IPv6 Management ● Support TFTP, web upgrading
Security	<ul style="list-style-type: none"> ● Support Dot1x, port authentication, MAC authentication, RADIUS service ● Support port-security ● Support IP Source Guard, IP/Port/MAC binding ● Support ARP-check and ARP packet filtering for illegal users ● Support port isolation
PoE Supported	No
Fanless	Yes
Manageable	Yes
Grade	Industrial
Approval and Compliance	<ul style="list-style-type: none"> ● CE ● UKCA ● FCC Part 16, 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
Package Contents	<ul style="list-style-type: none"> ● IGU-1071 ● Console Cable ● Power Terminal Block ● Din-rail Mount Kit ● Quick Installation Guide ● Declaration of Conformity
Switching capacity	26 Gbps
Dimensions (W x D x H)	54 x 115 x 158 mm
Product weight (kg)	1.12
Color	Black

EAN	4015867238585
Model Number	IGU-1071
Power Redundancy	Dual Power Input
IP grade	IP40
Packet forwarding rate	38.6 Mpps
Indicators	● POWER ● SYSTEM
Jumbo frame (KB)	10
MAC address table	16 K
Mount	DIN rail mount
Packet buffer	12 Mbit
Port Configuration	8x 10/100/1000Base-T RJ45 ports, 2x 1000/2500Base-X SFP slots
Power consumption	≤10W (Full loading)
Power input	12-58VDC (Redundant power input)
Power supply included	No
Standard	<p>● IEEE 802.3 10Base-T Ethernet ● IEEE 802.3u 100Base-TX Ethernet ● IEEE 802.3ab 1000Base-T Ethernet ● IEEE 802.3z 1000Base-X Ethernet ● IEEE802.3x Flow Control and Back Pressure ● IEEE 802.1D MAC Bridges (STP) ● IEEE 802.1d Standard Spanning Tree Protocol (RSTP) ● IEEE 802.1s Multiple Spanning Tree (MSTP) ● IEEE 802.1Q VLAN ● ITU-T G.8032 ERPS ● IEEE 802.1X Port Authentication Network Control ● IEEE 802.1ab LLDP ● IEEE 802.3ad LACP</p>

