# 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

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|---|---|
| Customs product code (TARIC) | 851762 |
| Management | ● 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 | ● 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 | ● 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 | ● 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 |

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|---|---|
| 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 | ● 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 |