IGU-2071 20-Port L2 Plus Managed Gigabit Industrial Switch, 16x 1GbE RJ45, 4x 1/2.5GbE SFP, DIN-Rail, -40°C to 80°C

Product Images







Short Description

High-Density Connectivity and Flexibility
Offers comprehensive connectivity with 16 10/100/1000Base-T RJ45 and 4 1000/2500Base-X SFP ports.
Robust Power and Environmental Resilience
Ensures reliable operation with redundant 12-75V 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 +80°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.

Advanced Management and Security

Simplifies configuration and upgrades with USB one-key functionality.

Offers robust management options through Web, SNMP, CLI, Telnet, and SSH interfaces.

Provides enhanced security with 802.1X authentication, port isolation, and ACL.

Robust Layer 3 Capabilities

Enables advanced network routing with IPv4/IPv6 static routing and DHCP server.

Description

The LevelOne IGU-2071 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	● 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 17, Subpart B Class B ● RoHS
Operating humidity	10% RH ~ 90% RH
Operating temperature	-40°C ~ 80°C
Storage humidity	5% RH ~ 95% RH
Storage temperature	-40°C ~ 85°C
Package Contents	● IGU-2071 ● Console Cable ● Power Terminal Block ● Din-rail Mount Kit ● Quick Installation Guide ● Declaration of Conformity
Switching capacity	52 Gbps
Dimensions (W x D x H)	110 x 115 x 158 mm
Product weight (kg)	2.08
Color	Black

EAN	4015867238592
Model Number	IGU-2071
Power Redundancy	Dual Power Input
IP grade	IP40
Packet forwarding rate	77.3 Mpps
Indicators	● P1 (Power1) ● P2 (Power2) ● SYS (System) ● Ring (Ring network indicator) ● USB
Jumbo frame (KB)	10
MAC address table	16 K
Mount	DIN rail mount
Packet buffer	12 Mbit
Port Configuration	16x 10/100/1000Base-T RJ45 ports, 4x 1000/2500Base-X SFP slots
Power consumption	22W (Full loading)
Power input	12-75VDC (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

