Robust Industrial Managed Switch

Durable, Reliable, Flexible & Smart Network for Harsh Environments

IGS-5416P/IGS-5408P/IGS-5208

IEC Certified
• Vibration
• Shock
• Free Fall
• EMC & EMS

Durable Performance Network that You Can Rely on
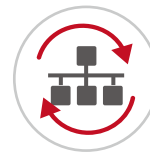
Certified Ruggedized Design

Equipped with anti-dust IP30-rated aluminum alloy case, the switch is designed and certified to withstand a high degree of vibration, shock, free-fall protection and against ESD/EMI surge for harsh environments.

High/Low Temp. Resistance

The industrial switch operates with a wide temperature range from -40°C to 75°C (-40°F to 167°F) for industrial and outdoor network deployment with capability of withstanding the extreme hot and freezing environments.

Reliable Dual Redundancy

Supports network redundancy with RSTP, MSTP, ERPS, LACP and power redundancy with two power inputs to ease the unexpected risk and ensure stable and reliable network service quality.

Durable   **Reliable**   **Flexible**
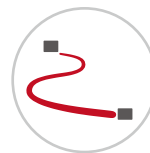
PoE PD Alive Check

PoE Powered Device (PD) alive check to monitor real-time status of connected PDs and enable to reboot fail PDs to enhance the reliability of the network.

USB Port Backup

Designed with the USB port for convenient system backup, restoration and upgrade to enhance maintenance efficiency and reduce system downtime.

Long Range Fiber

Featuring dual-speed fiber SFP slots. Uplink to a backbone server, switch or monitoring data center with a long range distance from 500m up to 30km*.

Smart & Secure

The industrial switch features smart and simple network monitoring tools that allow for improved network efficiency and security.

*The maximum fiber optic cable distance is subject to the SFP transceiver specification.

OTHER FEATURES
- Supports Storm Control to suppress a packet storm in a network (Storm Protection).
- Features DHCP snooping to protect the integrity of legitimate DHCP server and its operations.
- Supports SNMP v3, Access Control List (ACL), QoS, CoS, STP, 802.1Q VLAN, IPv4/IPv6, Port Trunk, IGMP v1/v2/v3 Snooping and Mirror.
- Fanless, compact size with DIN-Rail and wall-mounting enabled design.

Robust Industrial Managed Switch

Durable, Reliable, Flexible & Smart Network for Harsh Environments

Ideal solution for industrial networks such as automotive, factory automation, oil and gas, mining, military, transportation, substation, energy and outdoor applications of railways, roads, tunnels, smart cities, city surveillance and traffic monitoring.

IEC

IEC Certified
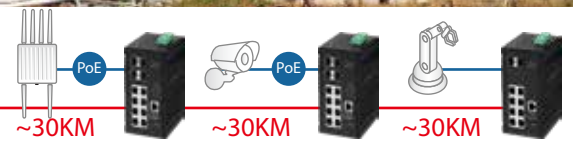- Vibration
- Shock
- Free Fall
- EMC & EMS

Manufacturing, Automotive

PoE
PoE
~30KM*
IGS-5408P
Server

Energy Plant

IP30
PoE
~30KM
IGS-5416P
PoE
~30KM
IGS-5408P
~30KM
IGS-5208

Transportation, Smart City

-40℃
PoE
PoE
PoE
Ethernet Ring Protection Switching
PoE
IGS-5408P
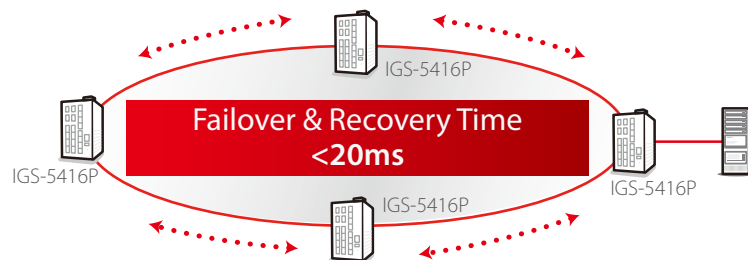~30KM
IGS-5416P

Factory Automation

75℃
~30KM
IGS-5208
~30KM
IGS-5208
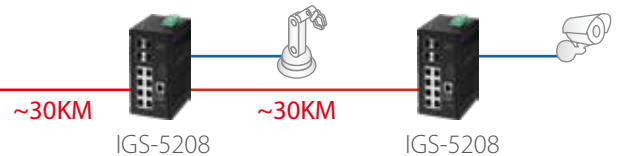
— Gigabit Fiber Optic
— Gigabit Fast Ethernet
PoE — Gigabit PoE Fast Ethernet
•••• Ethernet Ring Protection

*The maximum fiber optic cable distance is subject to the SFP transceiver specification.

IGS-5416P
Failover & Recovery Time <20ms
IGS-5416P
IGS-5416P
IGS-5416P
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ORDERING INFORMATION

IGS-5416P
Industrial 16-Port Gigabit PoE+
Web Managed Switch
with 8 PoE+ Port & 4 SFP Slots

IGS-5408P
Industrial 8-Port Gigabit PoE+
Web Managed Switch
with 4 SFP Slots

IGS-5208
Industrial 8-Port Gigabit
Web Managed Switch
with 2 SFP Slots

MG-1000 Series V2
1000Base-T/ SX/ LX SFP Modules