

IGP-1091 10-Port L3 Managed 2.5 Gigabit PoE Industrial Switch, 2 x 1G/10G SFP+ Uplinks, 8-Port PoE Outputs, Power Budget 480W, 802.3af/at/bt PoE, DIN-Rail, -40°C to 75°C

Product Images



Short Description

- 8 x 2.5G PoE ports and 2 x 1G/10G SFP+ uplink ports for high-speed industrial networking
- High-power PoE++ (IEEE 802.3af/at/bt) with up to 90W per port and a total power budget of 480W

- PoE Watchdog automatically detects and restarts unresponsive powered devices
- Advanced L3 management with support for RIP, OSPF, and VRRP
- 6kV surge protection for reliable operation in harsh environments
- Industrial-grade design with a wide operating temperature range of -40°C to 75°C
- Flexible installation options, including DIN-rail, wall-mount, and desktop deployment

Description

The IGP-1091 is a high-performance industrial L3 managed switch designed for demanding environments. Featuring eight 2.5G PoE++ ports with up to 90W per port and a total PoE budget of 480W, it efficiently powers high-consumption devices such as PTZ cameras and WiFi access points.

With dual 10G SFP+ uplinks, advanced Layer 3 routing (RIP, OSPF, VRRP), and intelligent PoE management including PoE Watchdog, the switch ensures reliable and optimized network performance. Its rugged design, wide temperature tolerance (-40°C to 75°C), and 6kV surge protection make it ideal for industrial automation, surveillance systems, and outdoor deployments.

Additional Information

Customs product code (TARIC).	8517620000
PoE Supported.	Yes
Fanless.	Yes
Manageable.	Yes
Grade.	Industrial
Switching capacity.	120 Gbps
Approval and Compliance.	• CE • UKCA • FCC Part 15, Subpart B • ANSI C63.4:2014 • RoHS
Operating humidity.	0% RH ~ 95% RH
Operating temperature.	-40°C ~ 75°C
Storage temperature.	-40°C ~ 85°C
Color.	Black
Model Number.	IGP-1091
Dimensions (W x D x H).	165 × 115 × 50 mm
Product weight (kg).	1
IP grade.	IP40
Data Rate.	10Gbps, 1Gbps, 100Mbps, 2.5Gbps
Packet forwarding rate.	89.28 Mpps
Indicators.	• Power • Link/Act • PoE
MAC address table.	16 K
Mount.	Desk mount, DIN rail mount
Power supply included.	No
Standards.	IEEE 802.3 10-BASE-T, Ethernet, IEEE 802.3u 100-BASE-TX, Fast Ethernet, IEEE 802.3ab 1000BASE-T, Gigabit Ethernet, IEEE 802.3af Power over Ethernet (PoE), IEEE 802.3at Power over Ethernet Plus (PoE+), IEEE 802.3az Energy-Efficient Ethernet, IEEE 802.3ae changeable (10GBASE-SR/LR/ER), IEEE802.3z 1000Base-SX/LX, IEEE 802.3bz 2.5 Gigabit Ethernet, IEEE 802.3bt Power over Ethernet Plus (PoE++)

