

GEP-1011 10-Port Gigabit PoE Switch, 802.3af/at PoE, 8 PoE Outputs, 120W Power Budget, 1 x Gigabit SFP, 1 x Gigabit RJ45 Uplink

Product Images



Short Description

- **Versatile Port Layout:** 8 x Gigabit PoE ports, 1 x Gigabit RJ45 uplink and 1 x 1000Base-X SFP uplink for flexible network design.
- **PoE Standards:** IEEE 802.3af/at compliant, delivering data and power over a single Ethernet cable.
- **120W PoE Budget:** Total PoE power budget of 120W with up to 30W available per PoE port for IP cameras, APs and VoIP phones.
- **Safe Power Delivery:** PoE detection and overload protection help prevent damage to non-PoE devices and over-current conditions.
- **Fiber Uplink Ready:** 1 x 1000Base-X SFP slot for long-distance fiber uplinks to core switches or server rooms.
- **Rugged Reliability:** 6KV surge protection improves resilience in harsher electrical environments.
- **Easy Deployment:** Unmanaged, plug-and-play design with auto-negotiation and auto-MDI/MDIX on all copper ports.
- **Flexible Installation:** Compact housing with wall-mount support for use in wiring closets, security rooms or small IT spaces.
- **Ideal for:** SMB surveillance, Wi-Fi coverage and VoIP infrastructures needing a simple PoE edge switch.

Description

The LevelOne GEP-1011 is a 10-port Gigabit PoE switch designed for small and medium business networks that need to power and connect IP cameras, wireless access points and VoIP phones over a single Ethernet cable. It provides 8 PoE-capable 10/100/1000Base-T ports, 1 additional Gigabit RJ45 uplink and 1 Gigabit SFP uplink for flexible connectivity to core switches or fiber backbones.

Compliant with IEEE 802.3af/at, the GEP-1011 delivers a total PoE power budget of 120W, supplying up to 30W per PoE port to compatible devices. Built-in PoE detection and overload protection help ensure safe power delivery, automatically identifying powered devices and cutting power to ports that exceed the budget or are not PoE compliant. This reduces the need for separate power supplies and makes it easier to deploy devices in ceilings, corridors, or remote corners where power outlets are limited.

The combination of one Gigabit copper uplink and one 1000Base-X SFP uplink port gives administrators the freedom to connect using either twisted-pair cabling or fiber, depending on distance and infrastructure. This makes the GEP-1011 suitable as an edge PoE switch in larger networks or as a compact aggregation point for IP surveillance and wireless coverage in branch offices.

With 6KV surge protection and wall-mount support, the GEP-1011 is designed for reliable operation in real-world environments where electrical interference and space constraints are common. Its plug-and-play design requires no software configuration, allowing fast, cost-effective upgrades to a PoE-enabled Gigabit network.

Additional Information

Harmonized System (HS) code.	846359
Customs product code (TARIC).	846359
PoE Power Budget.	Total 120.00
PoE Supported.	Yes
Concurrent ports.	Total 10.00
Fanless.	Yes
Manageable.	No
Grade.	Commercial
Color.	Grey
EAN.	4015867241110
Model Number.	GEP-1011
Dimensions (W x D x H).	217.6 × 27.8 × 108.55 mm
Product weight (kg).	0.6
Power consumption.	10W Without PoE
Backplane (Gbps).	20
Data Rate.	1Gbps
Packet forwarding rate.	14.88 Mpps
Indicators.	Link/PoE
MAC address table.	4K
Mount.	Wall mount
Packet buffer.	1.5 Mbits
Pin assignment and polarity.	1/2 (+), 3/6 (-) & 4/5 (+), 7/8 (-)
Port Configuration.	8 × Gigabit PoE port, 1 × Gigabit RJ45 port, 1 × Gigabit SFP port
Power input.	VDC 48/2.5A
Power supply.	VDC 54V/2.22A

Power supply included.	Yes
Standards.	IEEE 802.3 10-BASE-T, Ethernet, IEEE 802.3u 100-BASE-TX, Fast Ethernet, IEEE 802.3ab 1000BASE-T, Gigabit Ethernet, IEEE 802.3x Full-duplex Flow Control, IEEE 802.3af Power over Ethernet (PoE), IEEE 802.3at Power over Ethernet Plus (PoE+), IEEE802.3z 1000Base-SX/LX
Approval and Compliance.	CE/FCC/UL
Operating humidity.	5% RH ~ 95% RH
Operating temperature.	0°C ~ 40°C
Storage humidity.	5% RH ~ 95% RH
Storage temperature.	-45°C ~ 85°C
Package Contents.	Power Cord Power adapter Quick Installation Guide Declaration of Conformity

