

GEP-2021 20-Port Gigabit PoE Switch, 16 PoE Outputs, 2 x Gigabit RJ45, 2 x Gigabit SFP, 802.3at/af PoE, 270W

Product Images





Short Description

- 16 Gigabit PoE ports, 2 Gigabit ports and 2 Gigabit SFP slots.
- Total PoE power budget: 270W, up to 30W per port.
- IEEE 802.3af/at PoE compliant to simplify deployment and installation.
- Supports DIP switch configuration for VLAN mode and Default mode features.
- Supports port-based VLAN.
- 6KV surge protection, 6KV/8KV ESD protection.

Description

The GEP-2021 is LevelOne latest generation of 20-Port Gigabit Unmanaged PoE Switch, with 2 Gigabit RJ45 and 2 Gigabit SFP Uplink ports. also offers powerful DIP switch button configuration for VLAN mode and Default mode features. Switch that gives you a high-performance, low-cost, easy-to-use, seamless upgrade to boost your network to 1000Mbps. Increase the speed of your network backbone to a massive 40Gbps and bring Gigabit speeds all the way to your computers.

The GEP-2021 PoE-enabled switches features an IEEE 802.3af/at certified, better PoE functionality with 270W PoE power budget and usability. supports up to 16 ports at 15.4W, or 9 ports at 30 W to meet the increasing power demands of users. giving you flexibility in power allocation for a variety of powered devices enabling you to scale your operations to meet business growth, operational cost savings, and ease of management.

Additional Information

Gigabit RJ45	2 Uplink ports (10/100/1000Base-T)
Gigabit SFP	2 Uplink ports (1000Base-X SFP slots)
802.3af/at PoE	16 Downlink ports (10/100/1000Base-T)
Color	Black
EAN	4015867223895
Model Number	GEP-2021
Features	Dip switch Features: ● Default mode: This mode provides standard switch operation with normal network communication and PoE functionality. ● VLAN mode: In this mode, ports 1-16 are isolated from each other and can only communicate with the uplink ports 17-20. This configuration helps prevent network storms. Flow control is enabled in this mode. Protection Features: ● Surge Protection 6KV, Standard IEC61000-4-5 ● ESD Protection 6KV, contact / 8KV: air, Standard IEC61000-4-2
Data rate	Gigabit Ethernet
PoE Power Budget	Total 270.00
PoE Supported	Yes
Concurrent ports	Total 20.00
Fanless	No
Manageable	No
Grade	Commercial
Approval and Compliance	CE, RoHS
Operating humidity	0% RH ~ 90% RH
Operating temperature	-10°C ~ 50°C
Storage temperature	-40°C ~ 85°C
Package Contents	• GEP-2021 • Power Cord • 19" Rack Mount Kit • Quick Installation Guide
Dimensions (W x D x H)	442 x 285 x 44 mm
Product weight (kg)	4

Backplane (Gbps)	40Gbps
Dip switch	VLAN mode, Default mode
Flash memory size	4M
Heat dissipation	86,435 BTU/hr
Indicators	Power, Link/Act, PoE usage rate(20%, 40%, 60%, 80%, 90%)
MAC address table	8K
Mount	19" rack mount, Desk mount
MTBF	250,000 hr (25°C)
Packet buffer	29.8Mpps
Pin assignment and polarity	1/2 (+), 3/6 (-)
Power supply	AC100-240V, 50/60Hz
Standards	<ul style="list-style-type: none"> • IEEE 802.3 10-BASE-T (Ethernet) • IEEE 802.3u 100-BASE-TX (Fast Ethernet) • IEEE 802.3ab 1000BASE-T (Gigabit Ethernet) • IEEE 802.3z 1000BASE-X (Gigabit Ethernet) • IEEE 802.3 af/at