FGP-2831 28-Port Fast Ethernet PoE Switch, 24 PoE Outputs, 2 x Gigabit RJ45, 2 x Gigabit SFP, 802.3at/af PoE, 390W

Product Images

Short Description

- 24 Fast Ethernet PoE ports, 2 Gigabit ports and 2 Gigabit SFP slots.
- Total PoE power budget: 390W, up to 30W per port.
- IEEE 802.3af/at PoE compliant to simplify deployment and installation.
- 6KV surge protection, 6KV/8KV ESD protection.
- Connection distance of up to 250m at 10Mbps data rate.
- Powerful DIP switch button configuration for PoE Auto-Check, and Extension mode / Default mode / VLAN mode features.
- Supports the PoE auto-check function,which is specially designed to solve the problems of equipment frozen. It can automatically detect the frozen PD equipment and restart the port's output of PoE, and restart the PD device. It gently reduces the maintenance difficulty of engineering.

Description

The FGP-2831 is LevelOne latest generation of 28-Port Fast Ethernet Unmanaged PoE Switch, with 2 Gigabit RJ45 and 2 Gigabit SFP Uplink ports. also offers powerful DIP switch button configuration for PoE Auto-Check, and Extension mode / Default mode / VLAN mode features.

The FGP-2831 PoE-enabled switches features an IEEE 802.3af/at certified, better PoE functionality with 390W PoE power budget and usability. supports up to 24 ports at 15.4W, or 13 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
Gigabit SFP	2
802.3af/at PoE	24
Color	Black
EAN	4015867223925
Model Number	FGP-2831
Features	Dip switch Features: ● PoE Auto-check On/Off: The switch continuously monitors ports 1-24 for unresponsive behavior. If a port becomes unresponsive, the switch will automatically cycle power to restart it, without affecting other ports. ● Extend mode: This mode extends the operating distance of ports 1-24 to up to 250 meters. Each port in this mode is isolated from other ports and can only communicate with the uplink ports 25-28. Network storms are prevented, and IEEE 802.3x flow control is disabled. ● Default mode: This mode provides standard switch operation with normal network communication and PoE functionality. ● VLAN mode: In this mode, ports 1-24 are isolated from each other and can only communicate with the uplink ports 25-28. 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	Fast and Gigabit Ethernet
PoE Power Budget	Total 390.00
PoE Supported	Yes
Concurrent ports	Total 28.00
Fanless	No
Manageable	No
Grade	Commercial
Approval and Compliance	CE, RoHS
Operating humidity	10% RH ~ 90% RH

Operating temperature	-10°C ~ 50°C
Storage humidity	0% RH ~ 95% RH
Storage temperature	-40°C ~ 85°C
Package Contents	FGP-2831, Quick Installation Guide, Power Cord, 19" Rack Mount Kit
Dimensions (W x D x H)	420 x 285 x 44 mm
Product weight (kg)	4
Backplane (Gbps)	12.8Gbps
Dip switch	PoE Auto-check function(On/Off) , Extend mode/Default mode/VLAN mode
Indicators	System, Link/Act/Speed, PoE
MAC address table	8K
Mount	19" rack mount, Desk mount
Packet buffer	9.5Mpps
Pin assignment and polarity	1/2 (+), 3/6 (-)
Power supply	AC power supply (100-240VAC,50/60Hz,2.5-5A)
RAM size	4M
Standards	• IEEE 802.3 10BASE-T • IEEE 802.3u 100BASE-TX • IEEE 802.3ab 1000BASE-T • IEEE 802.3z 1000BASE-X • IEEE 802.3af/at