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POE Gigabit Switch

Description

HOC (Hone Optical Communications) Gigabit PoE (Power over Ethernet) switch is a network switch that provides Power over Ethernet functionality and operates at Gigabit speeds (1,000 Mbps). These switches can deliver power to connected devices such as IP cameras, VoIP phones, wireless access points, and other PoE-enabled devices, eliminating the need for separate power cables. They are useful in situations where power outlets are not easily accessible or practical, simplifying network deployments.

Products Features

- It adopts the latest high-speed Ethernet chip, self-identification chip intelligent management, ultra-high backplane bandwidth design with extremely fast data processing capabilities, improved data smooth transmission performance, precision metal body electrostatic paint, dual-flow heat dissipation, strong and durable, and excellent port performance.
- It supports the transmission of data signals to wireless access (AP) and network surveillance cameras through Category 6 or Category 6e network cables, and can also provide DC power supply for such equipment.
- Simple to use, easy to operate, plug and play, intelligent management, lightning protection design, lossless transmission and security monitoring with zero lag, network power supply wiring is not restricted by power lines, saving labor and wiring costs.
- The switch meets the power supply needs of the network and is suitable for use with IP monitoring and wireless AP equipment. It is widely used in shopping malls, communities, schools, hospitals, parks, hotels, small and medium-sized enterprises, etc.

Main Technical Specifications

Model	HL04G12GB	HL08G22GB	HL16G22GB	HL24G44GB
Photos				
ethernet	4 x Gigabit PoE ports + 1 x Gigabit Ethernet ports + 2 x Gigabit SFP ports	8 x Gigabit PoE ports + 2 x Gigabit Ethernet ports + 2 x Gigabit SFP ports	16 x Gigabit PoE ports + 2 x Gigabit Ethernet ports + 2 x Gigabit SFP ports	24 x Gigabit PoE ports + 4 x Gigabit Ethernet ports + 4 x Gigabit SFP ports
Power Output	Single port: Max 30W Total internal power: Max 120W	Single port: Max 30W Total internal power: Max 120W	Single port: Max 30W Total internal power: Max 300W	Single port: Max 30W Total internal power: Max 400W

Power Range	Max250Meters / Normal100Meters			
Bandwidth	14Gbps	24Gbps	40Gbps	54Gbps
Packet data cache	2M	2M	4.1M	4.1M
MAC address	8K			
Network Protocol	IEEE802.3 (10Base-T), IEEE802.3u (100Base-TX), IEEE802.3ab (1000Base-TX), IEEE802.3x (Flow control), IEEE 802.3z (Gigabit Ethernet Fiber Standard)			
PoE protocol	IEEE802.3af (15.4W), IEEE802.3at (30W)			
Network Medium	10Base-T: Cat3, 4, 5 or above UTP (≤100m), 100Base-TX : Cat5 or above UTP (≤100m), 1000Base-TX : Cat5 or above UTP (≤100m)			
Optical Medium	Multimode optical fibre: 50/125, 62.5/125, 100/140um, single-mode optical fibre: 8/125, 8.7/125, 9/125, 10/125um			
Working Environment	Working Temperature: -20~55°C, Storage Temperature: -40~70°C Working Humidity: 10%~90%, non-condensing, storage temperature: 5%~90%, non-condensing			
DIP Mode	Default: common mode, all interfaces can communicate with each other, the transmission distance is less than 100 meters, the transmission rate is 10/100/1000M adaptive; The port AI mode is disabled Extend: Link extension mode, 7-8 ports force 10M, transmission distance 250M (enable POE watchdog)			
Structure Size	Product dimensions:202*140*44mm, Package Dimensions: 315*215*85mm, Product N.W: 0.85 kg. Product G.W: 1.12 kg	Product dimensions: 220*161*44mm, Package Dimensions: 315*215*85mm, Product N.W: 0.92 kg. Product G.W: 1.22 kg	Product dimensions: 440*291*44mm, Package Dimensions: 515*375*95mm, Product N.W: 3.3 kg. Product G.W: 4 kg	Product dimensions: 440*291*44mm, Package Dimensions: 515*375*95mm, Product N.W: 3.3 kg. Product G.W: 4 kg
Power Voltage	Input voltage: AC100-240V, Power supply: 52 V 2.3 A			

Application

- Office Environments: PoE switches are used to power VoIP phones, eliminating the need for separate power adapters and reducing clutter. They also support other office equipment like IP cameras and wireless access points (WAPs), simplifying installation and maintenance.
- Wireless Networks: PoE switches power WAPs in locations where access to power outlets is limited or impractical, enabling flexible placement for optimal wireless coverage without the need for additional power infrastructure.
- Surveillance Systems: PoE switches are essential for powering IP cameras, providing both power and data connectivity over a single Ethernet cable. This simplifies installation in remote or outdoor locations where running separate power lines is challenging.
- IoT Deployments: PoE switches facilitate the deployment of IoT devices such as sensors and smart lighting by providing centralized power and data transmission. This simplifies management and reduces deployment costs in smart buildings and industrial IoT applications.
- Network Infrastructure: PoE switches power essential network components such as routers, switches, and firewalls, reducing the complexity of cabling and ensuring reliable operation in data centers, campuses, and enterprise networks.

Ordering Information

Model No.	Description	Remark
Fiber Splice Closure	□ Fiber count □ Model □ Accessories	Contact our sales or technical dept for more information: Sales: sherry@honelinks.com Technical: tony@honelinks.com sales@honelinks.com