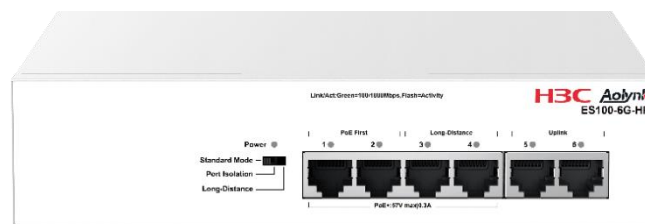


# H3C Aolynk ES100 - 6G-HP PoE Full Gigabit Switch

## Product Overview

H3C Aolynk ES100-6G-HP is a compact full-gigabit unmanaged PoE (Power over Ethernet) Ethernet switch launched by H3C Technology Co., Ltd. It adopts a metal shell design and meets green energy-saving and environmental protection standards. The product features Plug-and-Play capability, supports one-click switching of multiple business modes, and is suitable for typical application scenarios such as small and micro enterprises, retail chains, hotels, and campuses.



ES100-6G-HP

## Product Features

### High-Reliability Network Architecture

- Complies with IEEE802.3, IEEE802.3u, IEEE802.3x, and IEEE802.3ab Ethernet standards.
- Supports 6kV professional lightning protection for enhanced port protection.
- Supports PoE Watchdog: intelligently monitors abnormalities and automatically restarts; fault self-diagnosis reduces operation and maintenance costs.
- Supports long-distance PoE power supply (up to 250 meters), effectively controlling deployment costs and ensuring power supply stability.
- Supports upstream and downstream port isolation to improve network security and stability.
- Full-gigabit adaptive ports (10/100/1000Base-T) support Auto-Negotiation.
- Adopts a shared cache architecture to expand the cache space.

### Excellent Design Quality

- Adopts an all-metal enclosure design for stability and durability.
- Fan-less heat dissipation design for quiet operation, noise reduction, and green energy efficiency.

### Plug-and-Play

- Plug-and-play: no need to access the management interface, making installation simple and easy to use.
- Supports one-click switching among three working modes: standard switching, port isolation, and long-distance PoE, adapting to diverse scenario requirements.

## Product Specifications

Attribute	ES100-6G-HP
Dimensions	186mm × 150mm × 43mm
Weight	880g
Ports	6 10/100/1000Base-T electrical ports (2 uplink ports, 4 PoE+ power supply ports; maximum PoE power per port: 30W)
Button Switch - Mode Switching	Standard mode; Port isolation; Long-distance power supply
Switching Capacity	12Gbps
Packet Forwarding Rate	8.9Mpps
MAC Address Table Entries	2K
Port Lightning Protection	6kV
Total PoE Power	65W
Power source specification	90V~264V AC

Operating Temperature/Storage Temperature	0°C~40°C / -40°C~70°C
Operating Humidity/Storage Humidity	10%~90% RH / 5%~90% RH (non-condensing)
Fan	No fan, natural cooling
Certification	CE, RoHS
MTBF	>100000H
Installation Method	Desktop
Warranty	3 years

## Ordering Information

Model	Description
H3C Aolynk ES100-6G-HP	H3C Aolynk ES100-6G-HP full-gigabit PoE Ethernet switch. Supports 6 10/100/1000 BASE-T electrical ports, AC power supply.



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