

# HAN ESG1105P Network Controller

## INTRODUCTION

HAN ESG1105P is a new generation of Network Controller launched by HAN Networks. It has the characteristics of high performance, high reliability, rich business services, etc. It is especially suitable for small branch office scenario, offline chain store business scenario, and small and medium-sized network export router scenario. ESG1105P can be unified management and deployment through HAN CSP public cloud platform, and the overall solution is simple and easy to use.



## KEY FEATURE

### Unparalleled Performance

ESG1105P adopts advanced architecture design and high-performance processors to provide unparalleled performance, greatly improves the forwarding speed of

business data, reduces latency, and provides excellent Internet experience.

### Powerful PoE Capability

The device provides 60W PoE power supply and can provide strong power input to up to 4

ceiling APs or hospitality APs connected the device.

### 24/7 Online Service

Combined with the powerful HAN CSP public cloud management platform, it can easily achieve equipment onboarding, service enabling,

operation and maintenance.

With the help of CSP, it can cross geographical boundaries, and the user experience quality, network usage and equipment running status of different locations are "7x24 hours" online.

## **Intelligent Wireless Network**

Provides PoE power to HAN smart wireless AP, built-in wireless management function, AP plug and play, no need to configure separately.

### **Seamless Roaming**

The client can achieve carrier-grade seamless roaming within the network, smoothly switching between APs, the

service is not interrupted and the experience is not degraded during the movement.

### **Professional Security protection**

Built-in security policy and security defense module, while providing high-quality network services, build a security barrier to protect your network.

# HARDWARE SPECIFICATIONS

Specification	ESG1105P
Dimension	150mmx110mmx30mm (Width × Depth × Height)
Network interface	WAN: 1 Gigabit electrical interface LAN: 4 Gigabit electrical interfaces
Power supply	External power adapter, 52V 1.25A
Maximum power	≤65W (Including PoE output)
Operating temperature	0~45℃
Operating humidity	10%~95% (Non-condensing)
Storage temperature	-40℃~70℃
Storage humidity	0~95% (Non-condensing)

# SOFTWARE Features

Feature	Sub-Feature	ESG1105P
Network protocol	Network protocol	<ul style="list-style-type: none"> <li>• PPPoE</li> <li>• DHCP Client</li> <li>• DHCP Server</li> <li>• NAPT</li> <li>• NTP</li> </ul>
VLAN	VLAN	<ul style="list-style-type: none"> <li>• Supports 16 VLANs</li> </ul>
802.11	802.11 protocol	<ul style="list-style-type: none"> <li>• 802.11,802.11b,802.11a,802.11g,802.11d,802.11h,802.11w,802.11k,802.11v,802.11r,802.11i,802.11e,802.11n,802.11ac,802.11ax</li> </ul>
Intelligent wireless network	Intelligent wireless network	<ul style="list-style-type: none"> <li>• Supports AP automatic discovery</li> <li>• Supports AP software upgrade</li> <li>• Supports AP configuration synchronization</li> <li>• Supports wireless roaming</li> </ul>
	Radio frequency Management	<ul style="list-style-type: none"> <li>• Supports manual setting of transmission power</li> <li>• Supports automatic setting of transmission power</li> <li>• Supports manual setting of working channel</li> <li>• Supports automatic setting of working channel</li> </ul>
	Wireless access control	<ul style="list-style-type: none"> <li>• WPA/WPA2/WPA3 authentication</li> </ul>
Routing	Routing	<ul style="list-style-type: none"> <li>• Static routing</li> <li>• Policy routing</li> </ul>
Network Security	Cyber Security	<ul style="list-style-type: none"> <li>• Supports attack defense</li> <li>• Supports DDoS and traffic attack defense</li> <li>• ACL rules based on IP, protocol, port, etc.</li> </ul>
Management and configuration	Management and configuration	<ul style="list-style-type: none"> <li>• Supports for HTTPs-based web user interface management</li> <li>• Supports unified management of HAN CSP public cloud platform</li> </ul>

## ORDERING INFORMATION

Model	Description
ESG1105P	HAN ESG1105P Network Controller (1 Gigabit WAN,4 Gigabit LAN, LAN supports PoE output)