

## DS-3WG105GP-SI All in One 5 Port PoE AC Router



DS-3WG105GP-SI is a high-performance enterprise-grade router launched by HIKVISION for small and medium-sized enterprises. It uses high-performance dual-core processors and advanced software architecture, providing higher capacity and VPN service performance and a new business experience. The product is mainly applicable to SMEs, governments, schools, hospitals, and other scenarios requiring high-speed Internet access.

- 1 Gigabit WAN Ports
- 4 Gigabit PoE LAN Ports with 1 LAN/WAN Switchable
- 60 W PoE Power Budget
- 1000 Mbps Throughput
- Recommend 100 Users Access
- Support Multiple VPNs Including IPsec VPN, L2TP
- Support Powerful Security Features Including Firewall Policies, DDoS Defending, IP/MAC/URL Filtering, ARP Defending
- Support Behavior Management
- Compact Size for Flexible Deployment



## Specification

Metal	General	
Working Temperature  O °C to 40 °C (32 °F to 104 °F)  Working Humidity  Six to 95% (no condensation)  Storage Temperature  -40 °C to 70 °C (-40 °F to 158 °F)  Storage Temperature  55% to 95% (no condensation)  Product Dimensions (W × H × D)  190 mm × 125 mm × 27 mm (7.48" × 4.92" × 1.06")  AC Router × 1, Regulatory Compliance and Safety Information × 1, Quick Start Guide × 1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1  Power Consumption  Max. 65 W  WLAN Parameters  Maximum Number of Managed APs  32  Maximum Number of Clients  100  Bandwidth  1 Gbps  Networking Access  Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods  Number of WAN Access  Up to 2 WAN Load balancing  based on the destination address of the carrier, Load balancing  based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  AP Serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  AP Serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  ACCESS Control  AP Serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  ACCESS Control  AP Serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  ACCESS Control  AP Serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Support ACS) and ACS and	Shell	Metal
Working Humidity 59% to 95% (no condensation)  Storage Temperature 40 °C to 70 °C (-40 °F to 158 °F)  Storage Humidity 59% to 95% (no condensation)  Product Dimensions (W × H × D) 190 mm × 125 mm × 27 mm (7.48" × 4.92" × 1.06")  Ack Router × 1, Regulatory Compliance and Safety Information × 1, Quick Start Guide × 1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1  Power Consumption Max. 65 W  WIAN Parameter  Maximum Number of Managed APS  Bandwidth 1 Gbps  Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods  Number of WAN Access Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  Network Feature IPSec VPN:, Support 100 IPSec connections, Support IRE to automatically establish SA, Support MDS and SHA-1 authentication algorithms, Support IRE main mode and aggressive mode, Support ANA-1 traversal, Support IRE main mode and aggressive mode, Support MA1-1 traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Management Challenge and APS, Based on SSIDs, Logs out users in any of the following	Weight	0.5 kg (1.1 lb)
Storage Temperature  -40 °C to 70 °C (-40 °F to 158 °F) Storage Humidity  5% to 95% (no condensation) Product Dimensions (W × H × D)  190 mm × 125 mm × 27 mm (7.48" × 4.92" × 1.06")  AC Router × 1, Regulatory Compliance and Safety Information × 1, Quick Start Guide × 1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1  Power Consumption  Max. 65 W  **WLAN Parameter**  **Maximum Number of Managed APS  Maximum Number of Clients  100  Bandwidth  1 Gbps  Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods  Number of WAN Access  Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  **Software Specifications**  Layer 2 Protocol  ARP, VLAN, ARP (gratuitous ARP)  Network Feature  APP DONS, UPPP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN; Support 100 IPSec connections, Support IRE to automatically establish SA, Support 109 IPSec connections, Support IRE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Management  Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Working Temperature	0 °C to 40 °C (32 °F to 104 °F)
Storage Humidity   5% to 95% (no condensation)  Product Dimensions (W × H × D)   190 mm × 125 mm × 27 mm (7.48" × 4.92" × 1.06")  Packing List   AC Router × 1, Regulatory Compliance and Safety Information × 1, Quick Start Guide × 1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1  Power Consumption   Max. 65 W    WLAN Parameters   100	Working Humidity	5% to 95% (no condensation)
Product Dimensions (W × H × D)  190 mm × 125 mm × 27 mm (7.48" × 4.92" × 1.06")  Packing List  AC Router × 1, Regulatory Compliance and Safety Information × 1, Quick Start Guide × 1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1  Max. 65 W  WLAN Parameters  Maximum Number of Managed APS  32  Maximum Number of Clients  Bandwidth  1 Cbps  Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods  Number of WAN Access  Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  Access Control  Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol  ARP, VLAN, ARP (gratuitous ARP)  IPV4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN; Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  AP Management  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users; Based on APs, Based on SSIDs, Logs out users in any of the following	Storage Temperature	-40 °C to 70 °C (-40 °F to 158 °F)
Packing List  AC Router × 1, Regulatory Compliance and Safety Information × 1, Quick Start Guide × 1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1  Power Consumption  Max. 65 W  WLAN Parameters  Maximum Number of Managed APS  Maximum Number of Managed APS  Bandwidth  1 Gbps  Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods  Number of WAN Access  Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  Apple APP Tunnel  APP, VLAN, ARP (gratuitous ARP)  Network Feature  APP, VLAN, ARP (gratuitous ARP)  IPV4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN', Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  A 0000 Max. Access  AP Management  User Authentication, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Storage Humidity	5% to 95% (no condensation)
Packing List  Guide ×1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1  Power Consumption  Max. 65 W  WLAN Parameters  Maximum Number of Managed APs  Bandwidth  1 Gbps  Networking Access  Number of WAN Access  Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol  ARP, VLAN, ARP (gratuitous ARP)  Network Feature  IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN; Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support MAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Management  User Authentication, Support user blacklist and whitelist, Controls the number of access users; Based on APs, Based on SSIDs, Logs out users in any of the following	Product Dimensions (W × H × D)	190 mm × 125 mm × 27 mm (7.48" × 4.92" × 1.06")
Guide ×1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1  Power Consumption  Max. 65 W  WLAN Parameters  Maximum Number of Managed APs 32  Maximum Number of Clients 100  Bandwidth 1 Gbps  Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods  Number of WAN Access Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  Network Feature PP4, DDNS, UPRP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 30ES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IRE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT A0000 Max. Access AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		AC Router × 1, Regulatory Compliance and Safety Information × 1, Quick Start
Maximum Number of Managed APs 32  Maximum Number of Clients 100  Bandwidth 1 Gbps  Networking Access Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods  Number of WAN Access Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  Network Feature Playd, DDNS, UPPP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IRE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IRE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Management User Authentication, Support serving and the following access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		Guide ×1, Screw Pack × 1, Power Supply Adaptor × 1, Power Cord × 1
Maximum Number of Managed APS       32         Maximum Number of Clients       100         Bandwidth       1 Gbps         Networking Access       Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods         Number of WAN Access       Up to 2 WAN Load balancing         Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions         ALLO AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)         Access Control       Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3         Software Specifications         Layer 2 Protocol       ARP, VLAN, ARP (gratuitous ARP)         Network Feature       IPV4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group         VPN       establish SA, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IKE m	Power Consumption	Max. 65 W
Maximum Number of Clients     100       Bandwidth     1 Gbps       Networking Access     Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods       Number of WAN Access     Up to 2 WAN Load balancing       Multi-WAN Load Balancing     Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions       Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)       Access Control     Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3       Software Specifications     APP, VLAN, ARP (gratuitous ARP)       Layer 2 Protocol     ARP, VLAN, ARP (gratuitous ARP)       Network Feature     IPV4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group       VPN     IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)       NAT     40000 Max. Access       AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting       User Authentication, Support user blacklist and whitelist, Controls the number of access users: Based on	WLAN Parameters	
Bandwidth       1 Gbps         Networking Access       Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods         Number of WAN Access       Up to 2 WAN Load balancing         Multi-WAN Load Balancing       Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions         Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)         Access Control       Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3         Software Specifications         Layer 2 Protocol       ARP, VLAN, ARP (gratuitous ARP)         Network Feature       IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group         VPN       IPSEC VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)         NAT       40000 Max. Access         AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting         User Authentication, Support user blacklist and whitelist, Controls the number of access users: Based on APs, Based	Maximum Number of Managed APs	32
Support fixed IP address, DHCP automatic address acquisition, PPPoE dial-up and other methods  Number of WAN Access  Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol  ARP, VLAN, ARP (gratuitous ARP)  IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN; Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MDS and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users; Based on APs, Based on SSIDs, Logs out users in any of the following	Maximum Number of Clients	100
Networking Access  Number of WAN Access  Up to 2 WAN Load balancing  Load balancing based on the destination address of the carrier, Load balancing based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol  ARP, VLAN, ARP (gratuitous ARP)  IPV4, DDNS, UPNP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MDS and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Bandwidth	1 Gbps
Multi-WAN Load Balancing  Multi-WAN Load Balancing  based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control  Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol  ARP, VLAN, ARP (gratuitous ARP)  IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Networking Access	
based on link bandwidth, Load balancing based on user (IP address), Policy-based routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Number of WAN Access	Up to 2 WAN Load balancing
Multi-WAN Load Balancing routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  IPv4, DDNS, UPPP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		Load balancing based on the destination address of the carrier, Load balancing
routing (PBR) for forwarding over specified lines, End-to-end link detection and backup functions  Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  Network Feature IPV4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Management User Authentication, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Multi-WAN Load Balancing	based on link bandwidth, Load balancing based on user (IP address), Policy-based
Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  Network Feature IPV4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Waiti-WAN Load Balancing	routing (PBR) for forwarding over specified lines, End-to-end link detection and
CAPWAP Tunnel network parameter through AC (Supported: Static IP, VLAN, Connected AC address)  Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  Network Feature IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		backup functions
Access Control Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3  Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  Network Feature IPV4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	CAPWAP Tunnel	Auto AP serial number entry, AC discovery (DHCP option43, DNS), Assign basic AP
Software Specifications  Layer 2 Protocol ARP, VLAN, ARP (gratuitous ARP)  Network Feature IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Management AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		network parameter through AC (Supported: Static IP, VLAN, Connected AC
Layer 2 Protocol  ARP, VLAN, ARP (gratuitous ARP)  IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically  VPN  establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		address)
Layer 2 Protocol  ARP, VLAN, ARP (gratuitous ARP)  IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Access Control	Open System, Shared-Key, WPA, WEP-64/128, dynamic WEP, WPA2, WPA3
Network Feature  IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Software Specifications	
Network Feature  Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically  VPN  establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Layer 2 Protocol	ARP, VLAN, ARP (gratuitous ARP)
Snooping, Multicast group  IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP supports 3DES and AES encryption algorithms), Support IKE to automatically  VPN establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT 40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	Network Feature	IPv4, DDNS, UPnP, DHCP Server, NTP Client, Multicast, PIM, MLD Snooping, IGMP
supports 3DES and AES encryption algorithms), Support IKE to automatically  establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		Snooping, Multicast group
VPN  establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	VPN	IPSec VPN:, Support 100 IPSec connections, Support AH and ESP protocols (ESP
mode and aggressive mode, Support NAT-T traversal, Support IPSec connection configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		supports 3DES and AES encryption algorithms), Support IKE to automatically
configuration by domain name (DDNS)  NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		establish SA, Support MD5 and SHA-1 authentication algorithms, Support IKE main
NAT  40000 Max. Access  AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		mode and aggressive mode, Support NAT-T traversal, Support IPSec connection
AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following		
AP Management  Channel Setting  User Authentication, Support user blacklist and whitelist, Controls the number of access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	NAT	40000 Max. Access
access users:, Based on APs, Based on SSIDs, Logs out users in any of the following	AP Management	
	User Management	User Authentication, Support user blacklist and whitelist, Controls the number of
Harm Management 111 BADDIG BAA 111		access users:, Based on APs, Based on SSIDs, Logs out users in any of the following
user ivianagement ways:, Using RADIUS DM messages, Using commands, Support various methods to		ways:, Using RADIUS DM messages, Using commands, Support various methods to
view information:, Displays the number of online users in an ESS, AP, or radio;		view information:, Displays the number of online users in an ESS, AP, or radio;
Collects packet statistics on air interface based on user.		Collects packet statistics on air interface based on user.



Security	Firewall Policy, DDoS Defending, IP/MAC/URL Filtering, ARP Defending, Support DDoS attack prevention and statistics, Support Prevent WAN port ping, Support Prevent TCP syn scan, Support Prevent TCP Stealth FIN scan, Support Prevent TCP Xmas Tree scanning, Support Prevent TCP Null scan, Support Prevents UDP scanning, Support Prevent Land attacks, Support Protects against Smurf attacks, Support Protects against WinNuke attacks, Support Protect against Ping of Death attacks, Support Protect against SYN Flood attacks, Support Protect against UDP Flood attacks, Support Protect against ICMP Flood, Support Protect against IP Spoofing, Support Prevent Fragmented Packet Attack, Support Protect against TearDrop attack, Support Protect against Fraggle attack
System Maintenance	Support device management via web; Support DHCP Client. Enabled by default for dynamic assignment of management IP addresses; Support remote management via Hik-Partner Pro., Support cable detection. Abnormal open circuits and short circuits as well as network cable length can be detected; Support port mirroring for fault locating.
Version Upgrade	Support upgrade by Web, Support upgrade by HPP
Hik-Partner Pro	Support one-click activation and remote management via Hik-Partner Pro. Functions supported:  1. Display the port rate.  2. Display the port bandwidth utilization rate.  3. Display topology information.  4. Display the alarm status.  5. Restart ports and devices.  6. Remotely upgrade the device.
Hardware Specifications	
WAN Port	1 Gigabit WAN Ports
LAN Port	4 Gigabit PoE LAN Ports with 1 LAN/WAN Switchable
PoE Port	PoE Ports: Ports 1to 4, IEEE802.11af/at
Forwarding Capacity	10 Gbps
RAM	256 MB
Flash	128 MB
Power Supply	54 VDC, 1.17A
Reset Button	Hardware Resetting Button
Approval	
EMC	CE-EMC (EN 55032: 2015+A11: 2020, EN IEC 61000-3-2: 2019, EN 61000-3-3: 2013+A1: 2019, EN 50130-4: 2011+A1: 2014, EN 55035: 2017+A11: 2020)
Safety	CB (AMD1:2009, AMD2:2013, IEC 62368-1: 2014 (Second Edition), CE-LVD (EN 62368-1: 2014+A11: 2017)
Chemistry	CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No.1907/2006)
Radio	EN 301 893, EN 300 440, EN 62311, EN 301 489-3, EN 301 489-17
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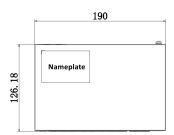




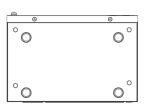
## Dimension













Unit: mm

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