DS-3WG105G-SI
All in One 5 Port AC Router



DS-3WG105G-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.

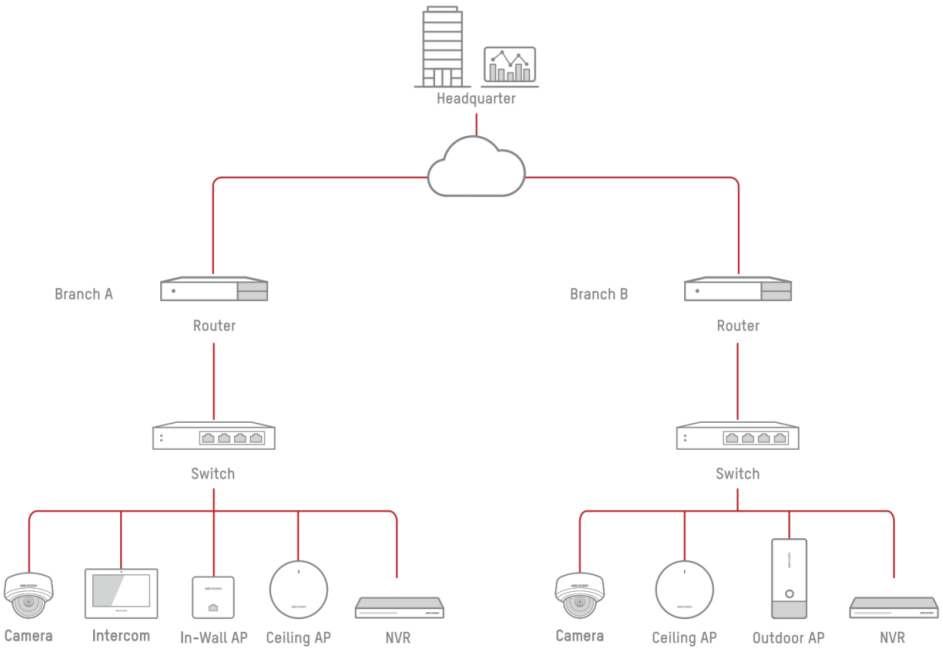
- 2 Gigabit WAN Ports with 1 WAN/LAN Switchable
- 3 Gigabit LAN Ports with 2 LAN/WAN Switchable
- 12 W Power Budget
- 1000 Mbps Throughput
- Recommend 100 Users Access
- Support Multiple VPNs Including IPsec VPN, L2TP
- Support Powerful Security Features Including Firewall Policies, DDoS Defending, IP/MAC/URL Filtering, ARP Defending
- Support Behavior Management
- Compact Size for Flexible Deployment

▪ Specification

General	
Shell	Metal
Weight	0.5 kg (1.1 lb)
Working Temperature	0 °C to 45 °C (32 °F to 113 °F)
Working Humidity	5% to 95% (no condensation)
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 × 125.6 mm × 29 mm (7.48'' × 4.94'' × 1.14'')
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. 12 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 4 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
CAPWAP Tunnel	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 Management	AP Discovery, AP Management, Support Multi-SSID Configuration, SSID Hiding, Channel Setting
User 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 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; 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	2 Gigabit WAN Ports with 1 WAN/LAN Switchable
LAN Port	3 Gigabit LAN Ports with 2 LAN/WAN Switchable
Forwarding Capacity	10 Gbps
RAM	256 MB
Flash	128 MB
Power Supply	12 VDC, 1A
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

▪ Typical Application

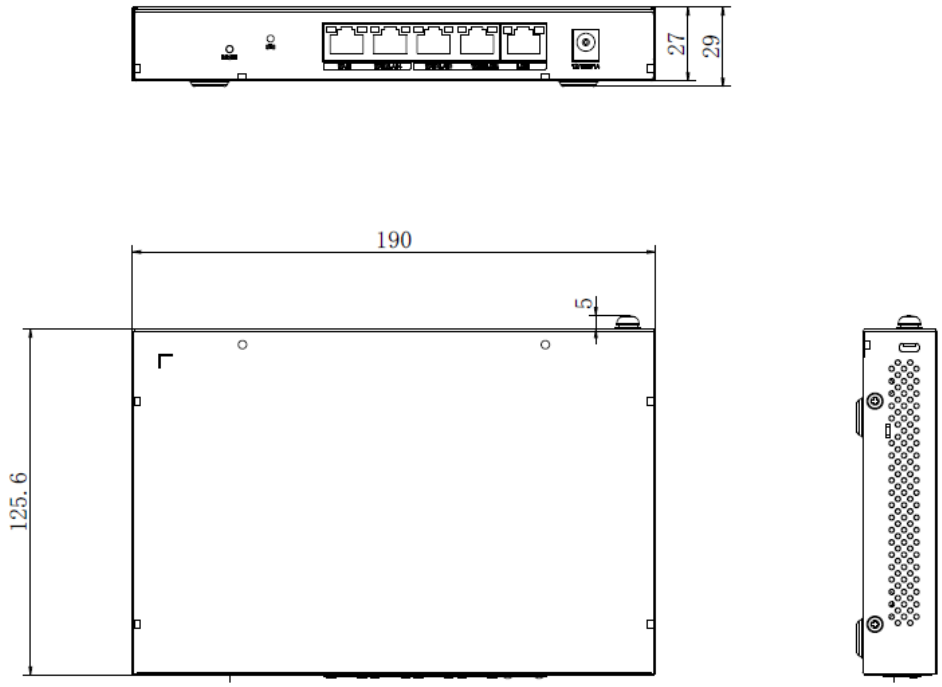


▪ Available Model

DS-3WG105G-SI

DS-3WG105G-SI/英标

▪Dimension



Headquarters
No.555 Qianmo Road, Binjiang District,
Hangzhou 310051, China
T +86-571-8807-5998
www.hikvision.com

Follow us on social media to get the latest product and solution information.

Hikvision HikvisionHQ HikvisionHQ Hikvision_Global Hikvision Corporate Channel hikvisionhq

©Hikvision Digital Technology Co., Ltd. 2023 I Data subject to change without notice I