DS-3WG2505-EI
All in One 5 Port Router



DS-3WG2505-EI 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.
Note: For optimal performance, EI Series APs should be used in conjunction with EI Series smart managed routers (AC) only, and vice versa.

- 4 Gigabit LAN Ports with 1 LAN/WAN Switchable
- 1 Gigabit WAN Ports
- Max. 2000 Mbps Throughput
- Intergrated AP Controller
- Support Multiple VPNs Including IPsec, L2TP, PPTP, OpenVPN
- Support Powerful Security Features Including Firewall Policies, DDoS Defending, IP/MAC/URL Filtering, ARP Defending, etc.
- Support Behavior Management

▪ Specification

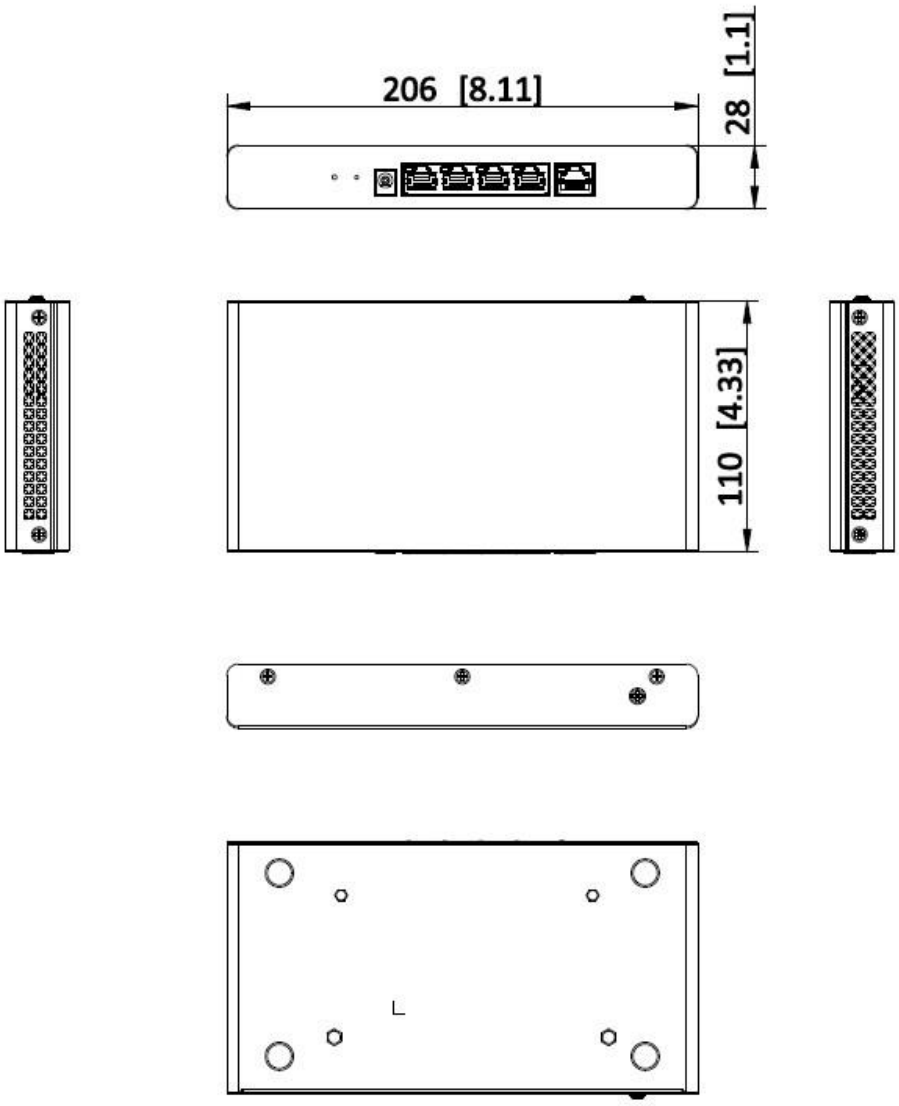
General	
Shell	Metal
Net Weight	0.52 kg (1.15 lb)
Gross Weight	1.12 kg (2.47 lb)
Working Temperature	0°C to 40°C (32°F to 104°F)
Working Humidity	10% to 90% (no condensation)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Storage Humidity	5% to 95% (no condensation)
Product Dimensions (W × H × D)	206 mm × 28 mm × 110 mm (8.11'' × 1.1'' × 4.33'')
Packing List	Smart Managed Router × 1, Power Adapter × 1, Ground Wire × 1, Foot Pad × 4, Quick Start Guide × 1, Regulatory Compliance and Safety Information × 1
Power Supply Method	DC 12 V, 1 A
Power Consumption	12 W
Hardware Specifications	
Ports	5 × Gigabit RJ45 port
Number of Fixed WAN Ports	1
Number of Fixed LAN Ports	3
Number of LAN/WAN Switchable Ports	1
Software Specifications	
Recommended Client Capacity (Gateway Mode)	250
Recommended Uplink Bandwidth (Gateway Mode)	2000 Mbps
Networking Method	Gateway mode, AC mode
Managed AP Capacity	Gateway mode: 16; AC mode: 64;
Internet Access Mode	DHCP, PPPoE, Static
VLAN ID Range	1~4000
Max. Number of DHCP Address Assignments	1500
Max Static DNS Entries	128
Max Custom DNS Servers	128
Max Static Routes	128
Max Policy-Based Routes	32
Max. Number of Authenticated Clients Displayed	1000
IPsec VPN Client Bandwidth (Up/Down)	430 Mbps
L2TP VPN Client Bandwidth (Up/Down)	630 Mbps
PPTP VPN Client Bandwidth (Up/Down)	870 Mbps

OpenVPN Client Bandwidth (Up/Down)	200 Mbps
Max Port Forwarding Rules	256
NAT Session Table Size	60000
Software Features	
Wireless Management	Support wireless configuration; Support RF configuration; Support health mode; Support Guest SSID; Support wireless roaming; Support wireless optimization; Support wireless SSID speed limiting; Support wireless RF speed limiting; Support wireless smart speed limiting; Support wireless client speed limiting; Support weak-signal access control; Support weak-signal kicking offline; Support roaming sensitivity adjustment; Support wireless access control; Support wireless client association; Support AP load balancing;
WAN	Support DHCP/static/PPPoE internet access methods; Support WAN VLAN configuration; Support WAN NAT configuration; Support WAN MTU configuration; Support multi-WAN; Support both load balancing and active/standby load modes; Support connection-based load balancing policy; Support source IP-based load balancing policy; Support policy routing for specific line forwarding;
LAN	Support port-based VLAN assignment; Support MAC address learning; Support DHCP address allocation; Support DHCP address binding; Support VLAN isolation;
ACL	Support IPv4-based access control; Support IPv6-based access control; Support MAC-based access control;
Security	Support ARP protection; Support MAC filtering; Support connection limit; Support port mapping; Support attack prevention; Support security zone;

Behavior Management	Support IP and time-based application control; Support website filtering; Support egress flow control; Support VPN flow control policy; Support PPPoE flow control policy; Support custom flow control policy; Support parental control;
Portal Authentication	Support account authentication; Support one-click authentication; Support certificate authentication; Support Facebook authentication;
Local Authentication	Support account authentication; Support authorization authentication; Support QR code authentication;
Third-party Server Authentication	Support CMCC2.0 Portal; Support RADIUS service;
Routing	Support IPv4/IPv6 static routing; Support IPv4/IPv6 policy routing;
IP Services	Support Oray Dynamic DNS; Support No-IP Dynamic DNS; Support 3322.org Dynamic DNS; Support Cloudflare Dynamic DNS; Support Alibaba Cloud Dynamic DNS; Support ComExe Dynamic DNS; Support Dyn Dynamic DNS; Support UPnP; Support PPPoE server; Support DNS policy;
VPN	Support IPsec VPN client; Support IPsec VPN server; Support L2TP VPN client; Support L2TP VPN server; Support PPTP VPN client; Support PPTP VPN server; Support OpenVPN client; Support OpenVPN server;

Service and Support	Support NAT traversal service; Support audit logs; Support fault diagnosis; Support fault alarms; Support one-click fault collection; Support whole network IP conflict detection; Support network diagnostic tools; Support SSH; Support cloud service diagnosis; Support port mirroring; Support local upgrade; Support online upgrade; Support cloud services; Support APP management; Support port static aggregation; Support CAPWAP DTLS encryption;
Approval	
EMC	CE-EMC (EN 55032:2015+A11: 2020+A1: 2020 EN IEC 61000-3-2: 2019+A1: 2021+A2: 2024 EN 61000-3-3: 2013+A1: 2019+A2: 2021 EN 55035: 2017+A11: 2020)
Safety	CB (IEC 62368-1: 2018), CE-LVD (EN IEC 62368-1: 2020+ A11: 2020)
Chemistry	CE-RoHS (2011/65/EU), WEEE (2012/19/EU), Reach (Regulation (EC) No.1907/2006)

▪ Dimension



Unit: mm [inch]

SCALE	1:1

See Far, Go Further

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