

DS-3WG2510-EI All in One 10 Port Router



DS-3WG2510-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.

- 8 Gigabit LAN Ports with 2 LAN/WAN Switchable
- 2 Gigabit WAN Ports with 1 WAN/LAN Switchable
- Max. 2000 Mbps Throughput
- Integrated 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	0.58 kg (1.30 lb)
Gross Weight	1.18 kg (2.60 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")
Power Supply Method	DC 12 V, 1 A
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 Consumption	12 W
Hardware Specifications	
Ports	10 × Gigabit RJ45 port
Number of Fixed WAN Ports	1
Number of Fixed LAN Ports	6
Number of LAN/WAN Switchable Ports	3
Software Specifications	
Recommended Device 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 Displayed Authenticated Devices	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

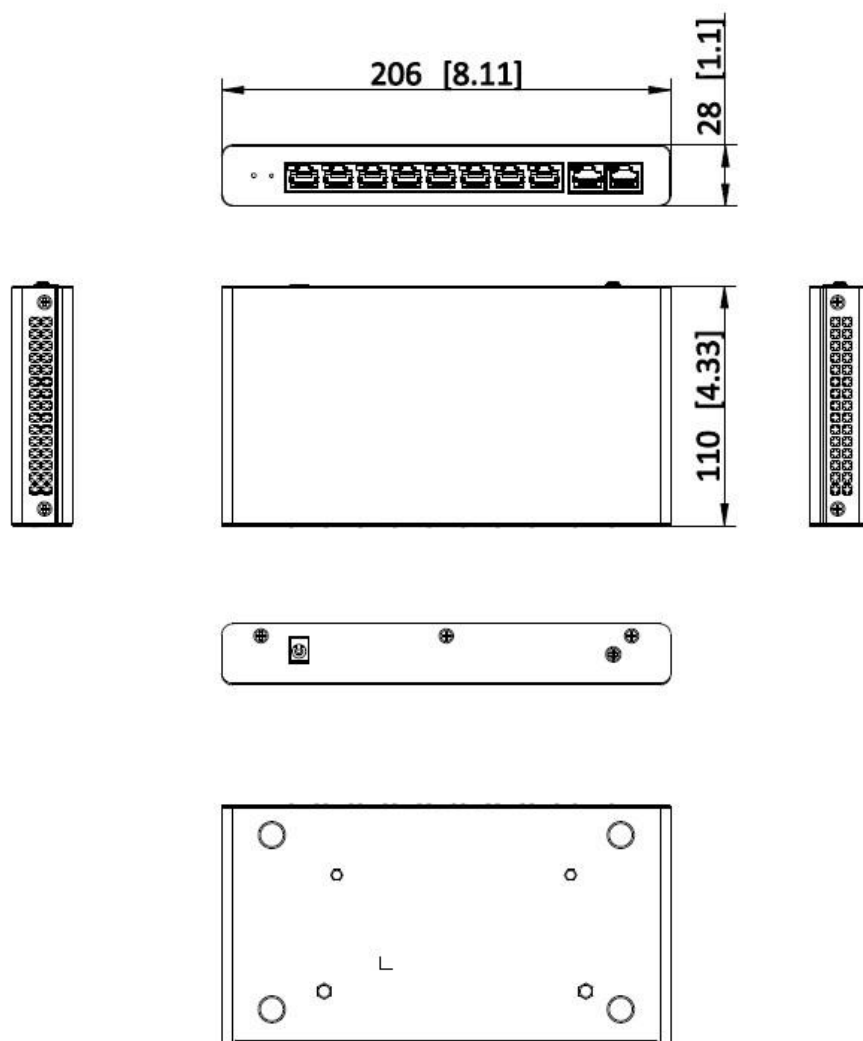
Software Features

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
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