

## DS-3WG1505P-EI All in One 5 Port PoE Router



- 4 Gigabit PoE LAN Ports with 1 LAN/WAN Switchable
- 1 Gigabit WAN Port
- Max. 1000 Mbps Throughput
- Total PoE Power Budget 60W
- 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

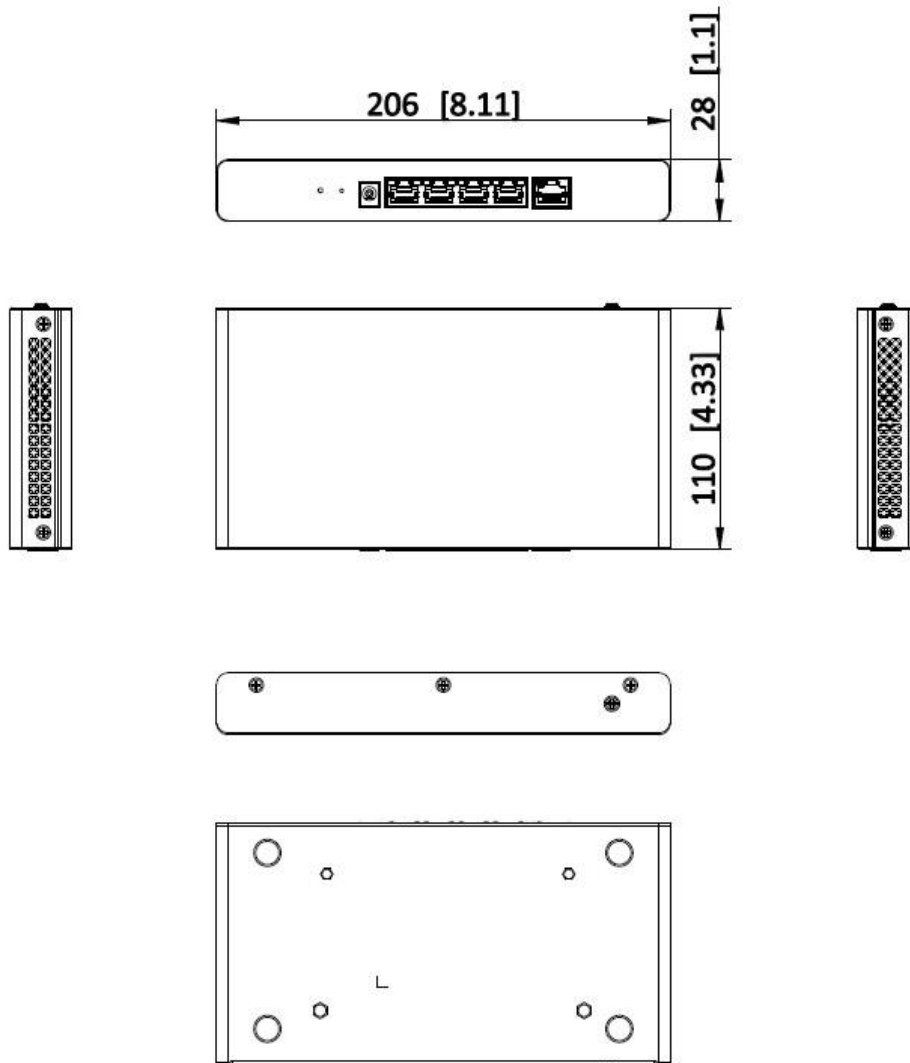
General	
Shell	Metal
Net Weight	0.52 kg (1.15 lb)
Gross Weight	1.18 kg (2.60 lb)
Working Temperature	0°C to 40°C (32°F to 104°F)
Working Humidity	10% to 90% (no condensation)
Storage Temperature	-40°C to 70°C (-40°F to 158°F)
Storage Humidity	5% to 95% (no condensation)
Product Dimensions (W × H × D)	206 mm × 28 mm × 110 mm (8.11" × 1.1" × 4.33")
Packing List	Smart Managed Router × 1, Power Adapter × 1, Power Cord × 1, Ground Wire × 1, Foot Pad × 4, Quick Start Guide × 1, Regulatory Compliance and Safety Information × 1
Power Supply Method	DC 54 V, 1.2 A
Power Consumption	65 W
Hardware Specifications	
Ports	4 × Gigabit PoE port, 1 × Gigabit RJ45 port
Number of Fixed WAN Ports	1
Number of Fixed LAN Ports	3
Number of LAN/WAN Switchable Ports	1
PoE Ports	4
PoE Max. Output Power	60 W
PoE Standard	IEEE 802.3af, IEEE 802.3at
Max. PoE Power per Port	30 W
Software Specifications	
Recommended Client Capacity (Gateway Mode)	100
Recommended Uplink Bandwidth (Gateway Mode)	1000 Mbps
Networking Method	Gateway mode, AC mode
Managed AP Capacity	Gateway mode: 8; AC mode: 32;
Internet Access Mode	DHCP, PPPoE, Static
VLAN ID Range	1~4000
Max. Number of DHCP Address Assignments	1000
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	400
IPsec VPN Client Bandwidth (Up/Down)	90 Mbps

L2TP VPN Client Bandwidth (Up/Down)	160 Mbps
PPTP VPN Client Bandwidth (Up/Down)	260 Mbps
OpenVPN Client Bandwidth (Up/Down)	20 Mbps
Max Port Forwarding Rules	256
NAT Session Table Size	20000
<b>Software Features</b>	
Wireless Management	<ul style="list-style-type: none"> <li>Support wireless configuration;</li> <li>Support RF configuration;</li> <li>Support health mode;</li> <li>Support Guest SSID;</li> <li>Support wireless roaming;</li> <li>Support wireless optimization;</li> <li>Support wireless SSID speed limiting;</li> <li>Support wireless RF speed limiting;</li> <li>Support wireless smart speed limiting;</li> <li>Support wireless client speed limiting;</li> <li>Support weak-signal access control;</li> <li>Support weak-signal kicking offline;</li> <li>Support roaming sensitivity adjustment;</li> <li>Support wireless access control;</li> <li>Support wireless client association;</li> </ul>
WAN	<ul style="list-style-type: none"> <li>Support DHCP/static/PPPoE internet access methods;</li> <li>Support WAN VLAN configuration;</li> <li>Support WAN NAT configuration;</li> <li>Support WAN MTU configuration;</li> <li>Support multi-WAN;</li> <li>Support both load balancing and active/standby load modes;</li> <li>Support connection-based load balancing policy;</li> <li>Support source IP-based load balancing policy;</li> <li>Support policy routing for specific line forwarding;</li> </ul>
LAN	<ul style="list-style-type: none"> <li>Support port-based VLAN assignment;</li> <li>Support MAC address learning;</li> <li>Support DHCP address allocation;</li> <li>Support DHCP address binding;</li> <li>Support VLAN isolation;</li> </ul>
ACL	<ul style="list-style-type: none"> <li>Support IPv4-based access control;</li> <li>Support IPv6-based access control;</li> <li>Support MAC-based access control;</li> </ul>
Security	<ul style="list-style-type: none"> <li>Support ARP protection;</li> <li>Support MAC filtering;</li> <li>Support connection limit;</li> <li>Support port mapping;</li> <li>Support attack prevention;</li> <li>Support security zone;</li> </ul>

Behavior Management	<ul style="list-style-type: none"> <li>Support IP and time-based application control;</li> <li>Support website filtering;</li> <li>Support egress flow control;</li> <li>Support VPN flow control policy;</li> <li>Support PPPoE flow control policy;</li> <li>Support custom flow control policy;</li> <li>Support parental control;</li> </ul>
Portal Authentication	<ul style="list-style-type: none"> <li>Support account authentication;</li> <li>Support one-click authentication;</li> <li>Support certificate authentication;</li> <li>Support Facebook authentication;</li> </ul>
Local Authentication	<ul style="list-style-type: none"> <li>Support account authentication;</li> <li>Support authorization authentication;</li> <li>Support QR code authentication;</li> </ul>
Third-party Server Authentication	<ul style="list-style-type: none"> <li>Support CMCC2.0 Portal;</li> <li>Support RADIUS service;</li> </ul>
Routing	<ul style="list-style-type: none"> <li>Support IPv4/IPv6 static routing;</li> <li>Support IPv4/IPv6 policy routing;</li> </ul>
IP Services	<ul style="list-style-type: none"> <li>Support Oray Dynamic DNS;</li> <li>Support No-IP Dynamic DNS;</li> <li>Support 3322.org Dynamic DNS;</li> <li>Support Cloudflare Dynamic DNS;</li> <li>Support Alibaba Cloud Dynamic DNS;</li> <li>Support ComExe Dynamic DNS;</li> <li>Support Dyn Dynamic DNS;</li> <li>Support UPnP;</li> <li>Support PPPoE server;</li> <li>Support DNS policy;</li> </ul>
VPN	<ul style="list-style-type: none"> <li>Support IPsec VPN client;</li> <li>Support IPsec VPN server;</li> <li>Support L2TP VPN client;</li> <li>Support L2TP VPN server;</li> <li>Support PPTP VPN client;</li> <li>Support PPTP VPN server;</li> <li>Support OpenVPN client;</li> <li>Support OpenVPN server;</li> </ul>

Service and Support	<ul style="list-style-type: none"> <li>Support NAT traversal service;</li> <li>Support audit logs;</li> <li>Support fault diagnosis;</li> <li>Support fault alarms;</li> <li>Support one-click fault collection;</li> <li>Support whole network IP conflict detection;</li> <li>Support network diagnostic tools;</li> <li>Support SSH;</li> <li>Support cloud service diagnosis;</li> <li>Support port mirroring;</li> <li>Support local upgrade;</li> <li>Support online upgrade;</li> <li>Support cloud services;</li> <li>Support APP management;</li> <li>Support port aggregation;</li> </ul>
<b>Approval</b>	
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 62368-1: 2014 + A11: 2017)
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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