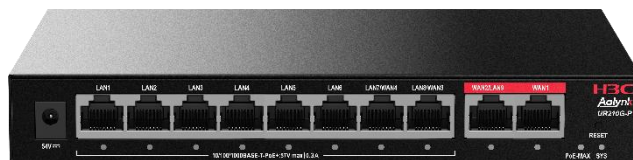


H3C Aolynk UR210G-P high-performance enterprise PoE gateway

Product Overview

H3C Aolynk UR210G-P PoE Gateway is a high-performance enterprise-class router developed by New H3C Technologies Co., Ltd. (H3C) for small and medium-sized enterprise users. It adopts high-performance dual-core processor and advanced software architecture to provide higher bandwidth and VPN function performance. It's mainly applied for high-speed Internet access of small and micro enterprises, schools, hotels, catering, retail, entertainment, villas and other scenarios.



UR210G-P

Product Features

High-performance business processing capability

- Using high-performance dual-core CPU, combined with H3C's advanced hardware and software technology, to provide gigabit concurrent processing capabilities and excellent network experience
- NAT sessions: 40,000

Multiple WAN load balance

- 2 WANs by default, 2 LAN ports can be switched to WAN ports, up to 4 WANs can be accessed concurrently
- Multiple WAN link load balancing modes are supported, such as telecom operator destination address based, WAN link bandwidth based, and policy-based routing
- Built-in telecom operator address library, and provide one-click download official website of the latest carrier address library, easy to operate

Behavior control

- Support HTTP and HTTPS URL filtering, website blacklist and whitelist, keyword fuzzy matching
- Support the firewall function of packet filtering to flexibly define traffic control policies
- Support the IP-based network traffic rate limiting mechanism

Network management

- Support Uweb management, configuration and upgrade of H3C Aolynk series wireless APs and switches
- Zero configuration of AP and switch, plug and play

Enterprise-level VPN

- Support IPSec VPN, Support a variety of encryption algorithms, and facilitates enterprises to build virtual private networks over the Internet
- Support hardware VPN encryption engine and provides high-speed VPN encryption capability
- Support L2TP VPN and LNS and LAC modes

Aolynk Cloud network management platform

- With the Aolynk Cloud network management platform, enterprises can enjoy professional network management and operation and maintenance services without having to purchase professional management servers and software, which greatly reduces the cost of network management for enterprise users and improves the network operation and maintenance management experience.
- You can remotely log in to the web of device through the Aolynk Cloud network management platform for function configuration and remote diagnosis.

Product Specifications

Hardware specifications

Name	UR210G-P
Recommended number of clients	200
Bandwidth	1Gbps
IPSec encryption performance	100Mbps
Number of IPSec VPN tunnels	100
NAT sessions	40,000
NAT mapping entry	100
Number of supported Aolynk APs	120+
Max number of supported VLAN	16
CPU	Dual Core 880MHz
RAM	256MB
Flash	128MB

Name	UR210G-P
WAN Ethernet port	2*GE (1WAN port can be switched to LAN port)
LAN Ethernet port	8*GE (PoE+, single port Max 30W, 2 LAN ports can be switched to WAN ports)
Power consumption of the whole machine	80W
PoE maximum power	75W
AC power supply	Rated range: 100 to 240V 50/60Hz
Reset button	Support
Overall dimensions (W x D x H, mm)	190 x 125 x 27
Ambient temperature	0 to 40 ° C
Ambient humidity	5 to 95% (no condensation)
Certification	CE, CB, RoHS

Note: Recommended number of clients and bandwidth are recommended values for comprehensive evaluation under specific experimental environment, and may vary according to the actual environment on site

Software Specifications

Features	Description
WAN Access	Support static IP address, DHCP, PPPoE Support link state detection, ICMP, DNS, NT Support static routing and policy-based routing
LAN	Support port-based VLAN configuration, MAC address learning, broadcast storm suppression, and traffic mirroring
QoS	Support limiting traffic per IP Support limiting traffic based on user groups
Security Features	Defines firewall filtering policies based on source and destination IP addresses and ports
	Support MAC address filtering and MAC address whitelist
	Support ARP scanning, ARP detection, and ARP protection
	DDoS attack defense and statistics
	Prevent WAN port Ping
	Prevent TCP syn scanning
	Prevent TCP Stealth FIN scanning
	Prevent TCP Xmas Tree scanning
	Prevent TCP Null scanning
	Prevent UDP scanning features
	Prevent Land attack function
	Prevent Smurf attack function
	Prevent WinNuke attacks

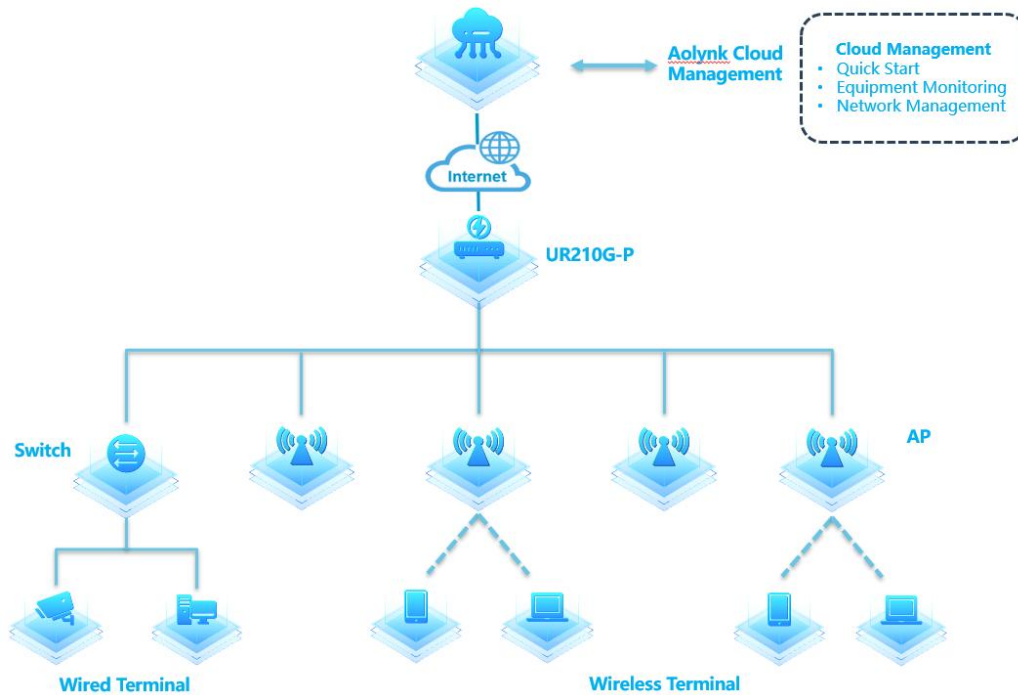
Features	Description
	Prevent Ping of Death attacks
	Prevent SYN Flood attacks
	UDP Flood attack prevention function
	Prevent ICMP Flood attack function
	Prevent IP Spoofing
	Prevent fragmented packet attacks
	Prevent TearDrop attacks
	Prevent Fraggle attack feature
	Support IP address-based and interface connection number limiting
	Support abnormal host traffic protection
	Support IP address traffic statistics and ranking
	Multi-ssid configuration
Multiple WAN load balancing	The SSID can be bound to different Vlans
	Load balancing based on telecom operator destination address
	Support load balancing based on link bandwidth
	Load balancing by user (IP address)
	Support PBR specified line forwarding
	Support end-to-end link detection and backup
Network Features	Support for DHCP Server
	Support NTP Client
	DDNS support
	IPTV support
	IPv6 support
VPN	IPSec VPN support
	Support 100 IPSec connections
	Support AH and ESP protocols
	IKE automatically establishes SA
	The ESP Support 3DES and AES encryption algorithms
	Support MD5 and SHA-1 authentication algorithms
	IKE main mode and aggressive mode
	NAT-T traversal
	Support IPSec connection configuration by domain name (DDNS)
Management and maintenance	Support L2TP VPN (LAC and LNS)
	Support WEB management pages
	Support AolynkCloud network management platform remote management

Note: All performance specifications are recommended by comprehensive evaluation in specific laboratory environment. There may be differences based on the actual environment on site.

Typical Networking

Small and medium sized network egress gateway

UR210G-P, as an gateway for small and medium-sized networks, provides excellent Internet experience through professional software and hardware platforms. And it Support intelligent management and operation and maintenance through Aolynk Cloud network management platform, which reduces the cost of network management and operation and provides a good network management experience.



Small and medium-sized network gateway networking diagram

- Multi-function integrated device, integrated PoE power supply, can directly power AP and camera, simplify networking. Its small size can adapt to a variety of scenes
- Support multiple Ethernet WAN interfaces, which can be connected to multiple lines of the same or different telecom operator for load balancing
- Support Uweb network management, and realizes the integrated wired and wireless networking of the enterprise Internet
- Support intelligent network management and maintenance through the Aolynk Cloud network management platform, reducing cost and providing network management experience



New H3C Technologies Co., Limited

Beijing Headquarters
Tower 1, LSH Center, 8 Guangshun South
Street, Chaoyang
District, Beijing, China

Hangzhou Headquarters
466 Changhe Road, Binjiang District,
Hangzhou City
310052, China

<http://www.h3c.com>

Customer service hotline

https://www.h3c.com/en/Support/Online_Help/Service_Hotlines/

Copyright © New H3C Technologies Co., Ltd. All Rights Reserved.

Disclaimer: Although H3C has attempted to provide accurate information in this material, it does not warrant that the content of the material is free from technical errors or typographical errors, for which H3C assumes no responsibility for inaccuracies in this material.

H3C reserves the right to modify the content of this material without notice or prompt.