



Niveo Professional NWAC64

Enterprise Gateway & WLAN Controller



Description

The NWAC64 is a small size Enterprise Gateway/Controller based on CAPWAP protocol. It supports Load Balancing, Ethernet backup and multi-ISP access. It can manage up to 64 Wireless Access Points

Multiple Gigabit WAN and multiple routing functions

NWAC64 supports PPPoE/DHCP/Static IP access, to work with multiple ISPs.

Smart QoS

Smart QoS based on ports, individual users, user groups and user applications. Allow bandwidth reservation and dispatch by tunnel or by application.

Abundant security mechanism

NWAC64 support a variety of security mechanisms, like TCP/UDP/ICMP Flooding, IP/MAC/URL/Web filtering functions, Ping of Death and other related threats, extend protection to every port of the router and enable the ports to provide DoS/DDoS attack protection, traffic monitoring, Uniform Resource Locator (URL) filtering, and application layer filtering.

Multiple authentication

NWAC64 supports portal authentication, PPPoE authentication, IP and MAC authentication.

Remote Maintenance, Auto firmware upgrade

Administrator can access into NWAC64's management interface page remotely at home to manage the wireless network settings.

NWAC64 supports VPN dial up, DNS Proxy, IP address translation and user behavior management.

Access Control management for wireless AP's

Assigns IP addresses for Wireless AP's with the build-in DHCP Server: It can assign the IP address for wireless AP automatically.

Group or Single Configuration:

- The NWAC64 auto detects all wireless APs,
- Supports group or single configuration,
- Central management of:
 - SSID password,
 - mode,
 - channel,
 - RF power,
 - coverage threshold.



Product Spec:

Model	NWAC64
Protocol	IEEE 802.3, 802.3u, 802.3ab TCP/IP, DHCP, ICMP, NAT, PPPoE, SNTP, HTTP, DDNS, IPsec, PPTP, L2TP, CAPWAP Protocol
CPU	MT7621
DDR	256M
Flash	16M
Heat Dissipate	Natural heat dissipation
Ports	4 × 10/100/1000Mbps LAN ports (can set to WAN port)
	1 × 10/100/1000Mbps WAN port
Power	AC:100-240V,50HZ
Dimension	277.8 *180 *37.7mm
Working Temperature	-20°C~55°C
Storage Temperature	-40°C ~ 70°C
Working Humidity	5% ~ 97%RH (No condensation)
Firmware features	
AP Management	Max to access and manage 80 users
	Max to manage 80PCS wireless AP
	Centrally and remotely to manage/configure wireless AP
	View user's status
Smart Flow Control	One click smart flow control
	Powerful multiline diversion
	Application Priority Automatically
Load Balance	Multiple WAN, multiple ISP network access
	Intelligence load balance
	Ethernet line backup
	Ethernet Superimposed
	Policy routing: based on IP address, destination IP address, source MAC address, network port, domain, destination port, Extranet port
Protocol binding	
Routing	Static Routing
Behavior Management	All-round to block P2P firmware
	P2P flow control and bandwidth allot
	File and URL filter
	Monitor network behavior at all times
Bandwidth limitation	IP-based bandwidth limitation
	Safeguard / Restrict bandwidth
	Time strategy
	IP based session restriction



Security Center	MAC address filter
	UPR/key words filter
	Web content filter
	IP address filter
	Port mapping
	DMZ
Defense Center	TCP/UDP/ICMP flood defense
	Block TCP scanning
	Block ping WAN port
ARP Detection	Send GARP packets
	ARP Scanning on WAN/LAN port
	Online detection
	IP-MAC binding
Authentication	PPPoE authentication
	Portal authentication, WEB password authentication, SMS authentication
	IP and MAC authentication: Allow/deny user access by IP/MAC address
Management	Web/CLI/Telnet management
	Remote management
Others	DDNS, VPN management