

# Hot Spot Mesh Series

## NAC Gateway

Network Access Control Gateway

## 3A Identification

Authentication Authorization Accounting

## Mass Hot Spot user

3096 member and 100 person on line

## SSL protected

Log manager and user security protected



Model: nHT300-100NW

## \*architecture



## \*feature

- Network manager
- User manager
- Multiple service domain
- Authentication, Authorization, Accounting
- SSL security protected
- Dual WAN and POE port
- Support NAT or Router Mode
- Max 3069 Accounts and 100 simultaneous authentication users
- Divided into max. 8 group, each defined VLAN tag and ESSID
- Load Balancing
- QoS management

★specification model : nHT300-100NW

Network	<p>2 WAN + 1LAN                  Support NAT or Router Mode                  Static IP , Dynamic IP(DHCP Client ) , PPPoE and PPTP                  802.3 Bridging                  Proxy DNS/Dynamic DNS                  Support NAT / Virtual DMZ / Server                  Binding VLAN with Ethernet and Wireless interface                  H.323, SIP,PPTP pass-through                  MAC / IP Filter , Walled garden (free surfing zone)</p>
User Management	<p>Support 100 simultaneous authentication users                  Max 3069 Accounts                  Pre-generated Users On-Demand Users and Local Radius Accounts                  Allows MAC address and user identity binding for user authentication                  SSL protected login portal page                  Support local account roaming</p>
Multiple Service Domain	<p>maximum 8 group, each defined by a pair of VLAN tag and ESSID                  (1) login portal page (2) authentication options (3) LAN interface IP address range(4) Session number limit control (5) Traffic shaping (6) IP Plug and Play (IP PnP)(7) Multiple Authentication                  Local RADIUS, Remote RADIUS, LDAP, On-Demand and Pre-generated</p>
3A Authentication, Authorization, Accounting	<p>Single sign-on (SSO) client with authentication                  Billing plans, Time(Hours) and Data Volume(MB)                  Contain 10 configurable billing plans</p>
Security	<p>Data Encryption : WEP(64/128-bit/152-bit), WAP, WAP2                  WAP-TKIP , WPA-PSK -TKIP, WPA-AES, WPS-PSK-AES                  802.11i : WPA2-AES, WAP2-PSK-AES, WAP2-TKIP, WPA-PSK-TKIP                  SS Layer and TLS : RC4 128-bit and RSA1024-bit and 2048-bit                  VPN pass-through</p>
QoS Enforcement	<p>DSCP (Differentiated Services code Point)                  Traffic Analysis and Statistics, Diff/TOS                  Automatic mapping of WMM priorities to 802.1p and IP DSCP</p>
Wireless	<p>7 Levels Transmission power control                  32 Associated clients per AP                  8 BSSID (Virtual AP) and 4 WDS                  802.11b/g/n mix, 802.11b or 802.11 b/g or 802.11n only                  IEEE802.11b : DSSS (DBPK,DQPSK,CCK)                  IEEE802.11g/n : OFDM(64-QAM,16-QAM,QPSK,BPSK)                  Media Access Protocol CSMA / CA with ACK                  RF Output Power 100mW                  802.11b/g/n :-90dBm@1Mbps,-84dBm@11Mbps,-69dBm@54Mbps</p>
Operating Temperature	-20°C ~ 50°C
Storage Temperature	-20°C ~ 60°C
Operating Humidity	5% ~ 80% RH (No-Condensing)
Power input	<p>DC12V, 1.5A                  Support 802.3af Compliant , Power Over Ethernet (48V/0.3 A)</p>
Dimension	205(W)x125(D)x35(H)mm – 600g
Certifications	FCC, CE, IP50, ROHS compliant

Specification is subject to change without prior notification.