



QN-H-220 PRODUCT OVERVIEW

- A purpose-built in-room deployed access point for hospitality and multiple dwelling units (MDUs).
- QN-H-220 room AP provides Concurrent Dual Band, 802.11 AC Wave 2 wireless networking solution. MU-MIMO technology provides blazing fast speeds coupled with awesome coverage.
- QN-H-220 is managed by QN Cloud Controller giving freedom to the administrator from managing controller hardware, licenses and support.
- QN network travels beyond wifi along with our solution partners. Each AP comes with three years manufacturer's warranty from the DATE OF ACTIVATION and theft protection software to protect assets from misuse
- Take the Quantum Leap today.

QN-H-220

KEY FEATURES

- **Packed with the latest Wave 2 technologies**
QN-H-220 is packed with all the latest advance of Wave 2 AC access point. Channel bonding, Multi-User MIMO etc.
- **Easy to Manage**
Easily manage wifi infrastructure through feature-rich QN Cloud Controller management console.
- **Phenomenal Wi-Fi Performance**
Engineered for phenomenal wifi performance even in high density environments for demanding voice and video applications.
- **Build next generation guest wifi networks.**
Deploy next generation customer service hotspots with integrated splash portal.
- **Theft prevention software.**
Access point is locked for deployment in any other network until decommissioned from existing network.
- **Three Years Warranty**
Three years Limited Liability Manufacturer's Warranty from DATE OF ACTIVATION of device.



QN-H-220

KEY SPECIFICATIONS

WIFI

Wi-Fi Standards	2.4 Ghz: IEEE 802.11b/g/n, 5 Ghz: IEEE 802.11a/n/ac
Operating Mode	Access point, Network Router
Supported Data Rates	802.11ac @ 80 MHz: 866, 780, 650, 585, 520, 390, 260, 195, 130, 65 Mbps 802.11n @ 40 MHz: 300, 270, 240, 180, 120, 90, 60, 30 Mbps 802.11a/g @ 20 MHz: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11b @ 20 MHz: 11, 5.5, 2, 1 Mbps
Supported Channels	2.4 GHz: 1-13 5 GHz: 36-64, 100-144, 149-165
Modulation Schemes	802.11ac: 256-QAM, 64-QAM, 16-QAM, QPSK, BPSK 802.11a/g/n: 64-QAM, 16-QAM, QPSK, BPSK 802.11b: CCK, DQPSK, DBPSK
Spatial Streams	2x2:2 MU-MIMO
Channel Size	2.4 Ghz: 20/40 MHz 5 Ghz: 20/40/80 MHz
Wireless Security	WPA2-TKIP/AES Personal, WPA-TKIP/AES Personal, WPA2-Enterprise (802.1x/EAP),WPA-Enterprise (802.1x/EAP),Open
Other Wi-Fi Features	Port forwarding, DHCP Reservation ,Roaming ,Band steering, ACL (Layer2), Rate Limit ,WLAN Scheduling ,Client Isolation Hotspot Captive Portal



QN-H-220

KEY SPECIFICATIONS

◎ PERFORMANCE & CAPACITY

Peak PHY Rates
Client Capacity
SSID

2.4 GHz: 300 Mbps / 5 GHz: 867 Mbps
Up to 50 clients per AP
Up to 16 per AP (8 per Radio)

◎ RF

Antenna Type
Antenna Gain (Max)
Output Power

4 x internal omni-directional antennas
2.4 GHz: 5 dBi / 5 GHz: 5 dBi
2.4 GHz: 22 dBm / 5 GHz: 23 dBm

◎ POWER

Rating

802.3af
802.3at for BLE Beacon

◎ NETWORKING

WAN Port Support
VLAN Support
Client isolation
Bandwidth limitation

Static, DHCP and PPPoE
VLAN, DVLAN, 802.1Q for management and data
Supported
Supported per SSID

◎ PHYSICAL INTERFACES

Ethernet

1 x 10/100/1000 Base-T with PoE In (802.3af/at) port
4 x 10/100/1000 Base-T ports
2 x RJ45 Based Pass Through (Input and Output) ports
1 x USB 2.0

USB

◎ ENVIRONMENTAL

Operating Temperature
Operating Humidity

-20°C (-4F) ~ +55°C (+131F)
10%~90% non-condensing

◎ MANAGEMENT

System Monitoring
System Management

SNMP v1, v2c, v3, Syslog
QNCC (Quantum Networks Cloud Controller)
Standalone Mode

◎ PHYSICAL

Dimensions
Weight
Mounting

150mm (5.9"), 86mm (3.3 "), 25mm (0.98 ")
184g
Suspended ceiling mount, Wall mount, Ceiling mount,
Pole mount

