Model: QN-O-230

Firmware: 6.1.1.B1

Month of Release: April, 2022

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Contents

Devices Supported

Quantum Networks: QN-O-230(Standalone & Cloud Controlled)
* Features may vary depending on the operation mode of Access Point.

Important Notices

- Firewall rules – Allow rudder.qntmnet.com and reports.qntmnet.com in the destination field.

- While upgrading firmware in Access Point, please make sure the power supply should not be interrupted. This may corrupt firmware in Access Point. It is advisable to use a power source from UPS.

- Device (s) may reboot post firmware upgrade. The activity is not advised during peak hours or in critical production networks.

Internetworking Features

Sr.	Internetworking Features	Description
1	URL filtering	Block pre-configured URL-based traffic.
2	WAN failover	While primary internet links go down, WAN failover will automatically route all traffic over a secondary internet link.
3	VLAN on WAN port	VLAN support added in quick setup.
4	Block wired client	Provision to block wired client accessing from LAN network.
5	AD & LDAP integration	Provide a feature to integrate with AD & LDAP for web authentication.
6	Cloud bandwidth saver mode	Stops reporting of client and AP statistics on the rudder.
7	Option 60 & 82 in standalone	Option 60 is used to identify itself to the DHCP server and with option 82, a subscriber device is identified by the switch port through which it connects to the network.
8	Client isolation whitelist	Allow resources in client isolation.
9	IPSec VPN	Supports IPSec VPN set up in router mode AP.

Radio Resource Management Features

Sr.	RRM Features	Description
1	Band balancing	Balance clients load on radios by distributing clients between the 2.4 GHz and 5 GHz radios.
2	QN - Mesh	Wireless meshing supported.
3	Band steering	Moderate: For a better Wi-Fi experience, it allows automatic band selection based on coverage and throughput. Preffer 5 GHz: It forces device to connect on 5 GHz
4	Block channel	Channel restriction for access points.
5	WPA3, WPA3-WPA2-Mixed, Enhanced Open	Listed encryption methods supported.
6	BSS Rate / Management rate	Supports selection of BSS min rate and management Tx rate.
7	Inactivity timeout	Ideal wireless client will be disconnected after inactivity timeout.

Enhancement

Sr.	Enhancement	Description
1	OS restriction	Allow or deny wireless clients based on specific OS / Device type.
2	MAC-based IP reservation	Added IP reservation in the guest network profile as well.
3	Wired clients	Displays wired clients statistics connected on the bridge access point.
4	WIDS	Administrator can select scan time interval for rogue AP detection.
5	Alarm	Get notification in ACE / Rudder / or via Email.
6	Logs	Mesh logs & IPSec VPN logs, WAN DHCP failure logs.
7	Hotspot / Guest / Secure+ roaming	Hotspot / Guest or Secure+ wireless users can roam between multiple AP's with the same SSID within the same or a different network.

Report an Issue

If you are facing any difficulty in firmware upgradation or need technical assistance, contact support@qntmnet.com or call 18001231163.