



QUANTUM[®]
ACCESS UNLIMITED

Model: QN-I-220

Firmware: FW_QN_I220.3.2.1.B1

Month of Release: Apr, 2019



Copyright Information

Copyright & trademark specifications are subject to change without prior notice. Copyright © 2018 Quantum Networks (SG) Pte. Ltd. All Rights Reserved. Quantum Networks® & the logo are trademarks of Quantum Networks (SG) Pte. Ltd. Other brands or products mentioned may be trademarks or registered trademarks of their respective owners. Mentioned contents of this document can't be used, translated or transmitted in any form or by any means without taking prior written permission from Quantum Networks (SG) Pte. Ltd.



Contents

| | |
|-------------------------|---|
| Devices Supported..... | 4 |
| Important Notices | 4 |
| New Features..... | 4 |
| Resolved issues | 5 |
| Improvements | 5 |
| Report a bug | 5 |



Devices Supported

Quantum Networks: QN-I-220 (Standalone & Cloud Controlled)

* Features may vary depending on the operation mode of Access Point.

Important Notices

- If you are unable to upgrade firmware, or cannot risk upgradation in a critical production network, you should isolate Access Point, upgrade, test and then reinstall.
- While upgrading firmware in Access Point, please make sure power supply should not be interrupted. This may corrupt firmware in Access Point. It is advisable to use power source from UPS.
- Obtaining Firmware - Latest stable firmware is available here:
<https://www.qntmnet.com/downloads.php>

New Features

| Sr. | Feature | Feature Description |
|-----|---------------------------------|---|
| 1 | 802.11k Support | Allows 11k capable clients to request a neighbor report containing information about known neighbor Access Point's that are candidates for roaming. |
| 2 | 802.11v Support | Network assisted Roaming—Enables the WLAN to send messages to associated clients, for better Access Point's to associate with clients. |
| 3 | Threshold Roaming | Client roaming based on RSSI threshold level |
| 4 | OKC (opportunistic key caching) | Client authentication between multiple Access Point's in a network where those Access Point's are under common administrative control |
| 5 | QoS Mapping | Custom QoS map set |
| 6 | Client Troubleshooting | Client connection troubleshooting |



Resolved issues

| Sr. | Issues | Description |
|-----|---------------|---|
| 1 | Reboot device | Sometime QN-I-220 Access Point reboot in gateway mode |

Improvements

| Sr. | Description |
|-----|--|
| 1 | Connected client information |
| 2 | Performance and throughput of 5GHz Radio |

Report a bug

We appreciate your feedback and extensive work in identifying bugs. Please report identified bugs [at] support@qntmnet.com.

