

A change in AQMesh firmware

We are pleased to announce AQMesh firmware version 5.4 which can be applied to all pods.

The benefits of updating firmware to v5.4

- ☐☐ Pods on v5.4 firmware will thereafter have firmware updated remotely
- ☐☐ Remote reset - allows a remote power-cycle (by request to AQMesh) rather than a site visit
- ☐☐ Improvements to GPS accuracy and start-up speed
- ☐☐ More efficient storage – double internal storage capacity for hardware versions Mk2 – Mk5 from 4000 to 8000 readings (to nearly 3 months' data at 15 minute readings). Increasing to 16,000 readings (over 5 months' data at 15 minute readings) with the new Mk6 hardware / PCB.

(The period of data that can be stored on the pod is proportionately reduced at higher reading frequencies.)

- ☐☐ New modem device support - as required for the latest version of AQMesh modem with worldwide LTE Cat M1 NB1 support, fitted as standard in new pods manufactured from Q3 2020
- ☐☐ Improved data transmission - more connection attempts in locations with a weak signal

The latest version of firmware which can still be updated by users and distributors is v.3.37.

This is a very stable firmware version and there is no need to update beyond this version. However we do recommend that any pods running a firmware version earlier than 3.37 should be updated to 3.37 when possible.

This can be done using a communications cable and accessing the firmware files using this link:

<https://aqmesh.box.com/s/4u925eln0aup1q3kmy78ubqod5x9gozw>

What happens next?

If you are happy to run your pod(s) on firmware v3.37:

Please update all pods to this version when possible. The firmware is stable but will not be updated further.

If you wish to have your pod(s) updated to v5.4:

To take advantage of the latest developments , future developments and be able to apply any future firmware updates remotely please return your pod(s) to us. To update your firmware free of charge (the update to v5.4 requires specialist equipment) if our recommended process is followed:

1. Please email admin.team@aqmesh.com and provide the serial numbers of the pod(s).
2. Our Admin team will initially check if any routine maintenance is required, such as sensor replacements or PM processing version upgrade and provide a quotation.
3. Please confirm with Admin if you wish to go ahead with any quoted work at the same time as the firmware update and send a covering purchase order. (For firmware upgrades only, shipping costs must be paid by the customer)
4. We expect firmware updates will be completed within a 7 day turnaround. If additional work is required when the pod(s) are received we will quote accordingly and advise a revised dispatch date where applicable.
5. All pods returning to factory, including firmware update only, are subject to a standard end-of-line test before shipping back to you, including all sensor and GPS output.
5. Pods will be set to 'Shipping' status when returned, which will cause electrochemical sensors to automatically stabilise and rebase. Any sensor output currently stored on the hardware but not transmitted to the AQMesh server will be erased.
6. Any pods returned to factory for any reason from now on will automatically be updated to v5.4. If you are unsure what firmware version your pod(s) are currently running please ask your distributor or email admin.team@aqmesh.com. Once the pod is updated to v5.4 at factory all future firmware will automatically be updated to the latest version, following extensive pre-release testing of each new version.