

# AcquiLite Firmware changes through v1.09.0310.

The firmware for the A7801 released in March 2009 has a number of minor updates detailed below. This document includes firmware change logs for releases prior to v1.09.0310 and after v1.08.0915. The firmware update is provided at no cost.

## List of changes in v1.09.0310:

2009-03-10 23:46

- Revised firmware version to v1.09.0310 for release.
- Added test to verify an active upload session takes less than 1 hour. Uploads that take longer will be considered stuck and will be restarted.
- Changed main event loop to update more consistently with a 300ms timer rather than a loop counter. Users will notice the Alive LED blinks a little faster now.
- Updated test for system process stats clear, now run with a 10 second timer test rather than a loop counter. This deals with the 300ms timer in the main event loop, but should not cause any change in the process stats display webpage.

2009-03-02 22:01

- Turned off use of ucos sched() function. Standard ucos task switching is now in effect. Logfile data uploads may take longer with the new scheduler system. Users may notice the web browser interface to the AcquiLite is a little slower because of this change. This change is to address an issue where the AcquiLite may experience a watchdog reboot about once in 250 uploads when an upload webserver sends a large amount of unexpected data back to the AcquiLite.

2009-02-18 23:11

- Added a resolver cancel to the timesync procedure upon lookup failure. This will allow the AcquiLite to retry dns resolver lookups sooner after a prolonged network outage.

2009-02-18 22:44

- Updated system stackdump debug procedure. No longer reports on every reboot after a single event.

2009-02-18 22:22

- Updated the default dns ip address to our new dns server ip address.

