

IQ3 Firmware Revision Log.txt

*****IQ3 FIRMWARE REVISION LOG*****

Version 2 02/04/2008
First production release

Version 3 02/25/2008
No longer checks the amount of free space on microSD card on power up. It was taking too long to initialize on cards over 512MB.

Display of GPS speed on dash is no longer limited to 327.68 MPH/KPH. This limitation pertained only to displaying the GPS speed on the dash, not to recording.

Added gear indicator channel for data logging.

Fixed default lateral accelerometer scaling. The direction was backwards.

Updating to this firmware version will cause all settings to return to the factory default.
(i.e. shift points, gear ratios, pulses per rev, display page settings, etc...)

Requires DataLink software and IQ3 configuration file version 3.0c or higher.

Version 4 04/10/2008
Fixed the incorrect display of the the number zero on the middle right display tag.

Added the ability to reset all setting back to factory defaults in SETUP MODE 1.

The IQ3 model and firmware version is now displayed on the bottom of the LCD for 2 seconds on power up.

Fixed issue with accelerometer compensation. Calibration procedure now requires user to perform a calibration with the IQ3 level and then at desired mounting angle. SEE IQ3 USER MANUAL V3 OR HIGHER FOR DETAILS.

Fixed issue that was causing REC tag to disappear if the display page was changed while recording data.

Fixed issue that was causing odometer to display incorrectly on the middle left and right positions

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GPS speed now goes to zero when the number of locked satellites goes below three.

Version 5 06/04/2008

Added ability for user to program the stop record time delay. Requires DataLink v3.1.3

Added stop record value that will stop recording when the start record channel falls below value. Requires DataLink v3.1.3

Fixed problem with page 2 middle left display not able to set decimal.

Added MIN/MAX recall feature.

THIS UPDATE WILL CAUSE THE IQ3 TO REVERT BACK TO FACTORY DEFAULT SETTINGS.

version 6 06/24/08

Added ability to disable the CARD tag on the LCD when the SD card is not installed.

version 7 8/19/08

Fixed issue with slip channel what would cause incorrect calculation when the speed exceeded 200 MPH/KPH.

Fixed issue that was causing gear to not display properly in the center position when speed channel exceeded 327.

version 8 10/01/2008

Fixed issue that was causing some of the newer microSD cards to not work properly.

Added ability for the user to program when and how to display the number of acquired satellites on the center display. Requires Datalink version 3.3.0.

version 9 10/20/2008

Added support for micro SDHC (High Capacity) cards. SDHC cards are currently available in capacities up to 16GB.

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Version 10: 12/2/2008

Fixed issue that would not allow user to program the RPM, KPH and MPH tags on display page 3.

Version 12: 05/13/2009

Added ability to flash internal shift light when shift rpm value is exceeded. (Requires DataLink 3.4.2)

Added ability to program speed units and GMT time offset via DataLink. (Requires DataLink 3.4.2)

Added ability to display lap number on the numerical display positions. (Requires DataLink 3.4.2)

Disabled warning light trigger when the VNET message driving the warning is not present on power-up.

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Version 13: 08/19/2009

Modified Odometer write methods.

Version 14: 03/29/2010

Added ability to record GPS date. REQUIRES DATALINK VERSION 3.7.0 OR HIGHER.

Version 15: 2/21/2011

Added Smartwire support.

Increased the maximum number of recording VNET channels from 32 to 42.

Increased the maximum number of total recording and non-recording VNET channels from 64 to 128.

Added ability to view number VNET channels connected under Dash Info in the IQ3 config file. Requires DataLink v3.8.0

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Version 16: 4/25/2011

Fixed issue that could cause incorrect VNET channel data if VNET channel stops sending data while recording.

Fixed issue that could cause incorrect VNET channel data on some channels when more than 32 VNET channels are installed.

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- Version 17: 05/20/2011
Added trip odometer. Requires DataLink v3.8.2 or higher.
- Version 18: 10/11/2014
Fixed issue that could result in incorrect decimal placement on lower center and lower right displays after a warning has occurred.
- Version 19: 01/31/2012
Fixed issue with incorrect gear calculation introduced in firmware version 15.
- Version 20: 10/03/2012
Production testing improvements. No new user features or bug fixes.
- Version 21: 01/15/2012
Fixed issue that was causing Smartwire switch inputs to not display properly on the LCD.
- Version 22: 12/07/2012
Fixed issue that could cause VNET data to occasionally display zero.
- Version 23: 03/12/2013
Fixed issue that could cause the warning lights to occasionally flicker on.
- Version 24: 04/10/2013
Fixed issue could cause the text labels to display incorrectly on dash page 3, lower left position.
- Version 25: 08/01/2013
Added ability to disable the warning tag on the bottom display. Requires DataLink v4.3.0 or higher.
Fixed issue in firmware v23 and v24 causing lap time to display on power up when default display page was set to 2,3 or 4.
- Version 26: 04/16/2014
Added ability to dim the LCD backlight level from a VNET channel. (i.e. headlight switch event)
Requires DataLink v4.4.0 or higher.
- Version 27: 07/9/2015
Added ability to display the time of day from GPS. Requires DataLink v4.5.2 or higher
Added support for 230-VM-4ANA7HS VNET shock travel module.
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- Version 28: 09/30/2016

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Fixed issue that was causing the backlight level to switch to the none dimmed level when changing the display page and using an event channel to trigger dimming.

Version 29: 08/20/2018

Fixed issue introduced in version 28 that was causing the backlight to display full brightness when setting the backlight level using DataLink and the dim level channel was disabled.