

RELEASE NOTES

2024-11-25: ADMA 3.0 Firmware Version 30.10.2.1

- Added: [Steering Robot output] Robot_Mode indicates an error when wrong mounting offset angles are detected
- Added: check dual antenna baseline against configured antenna offsets before Yaw initialisation with dual antenna heading
- Fixed: [webinterface] show error message when CAN baudrate is changed and too many packets for the new baudrate are selected
- Fixed: [webinterface] include GNSS Aux2 CAN data packet when "add ADMA-PP" button is pressed
- Fixed: [AddOn Delta] Delta DBC v3.3: wrong unit for Delta Mode
- Fixed: accel and rate sensor output error when maximum value is reached
- Fixed: INS Pos Stddev not plausible after long GNSS outages
- Fixed: INS values drifting after power up if roll or pitch equals 180° and no angle offsets are configured

2024-01-23: ADMA 3.0 Firmware Version 30.10.1.5

- Fixed: support of GNSS receiver Novatel OEM617D

2023-10-16: ADMA 3.0 Firmware Version 30.10.1.4

- Changed: prepare system for GNSS receiver firmware > 7.08.00
- Fixed: sporadic GNSS receiver failure during start-up

2023-07-20: ADMA 3.0 Firmware Version 30.10.1.1

- Changed: [webinterface] update CAN dbc download file to data version 3.3.4
- Fixed: sporadic GNSS receiver failure
- Fixed: [webinterface] translations

2023-01-24: ADMA 3.0 Firmware Version 30.10.0.50

- Added: possibility of sensor calibration/adjustment (ADMA-Speed)
- Added: status of measurement mode (webinterface / JSON)
- Added: selection of POI for steering robot data
- Added: data format version 3.3.4 - new warning bit "Warn_GNSS_Dual_Ant_ignored"
- Added: configuration: Application mode "vehicle" (standard) and "VRU backpack"
- Added: Modem interface - GPRMC output and correction data input in parallel
- Added: [webinterface] show expiration date of temporary licenses
- Added: [webinterface] add ADMA-PP packets was leading to COM error message
- Changed: [webinterface] Distance reset option is only shown in Digital IN3
- Changed: Indoor positioning system (IPS) improvements
- Changed: General system performance and stability improvements
- Fixed: [webinterface] add ADMA-PP packets was leading to COM error message
- Fixed: [AddonBraking] MFDD value in CAN output was limited to 6.553m/s^2 instead of 10m/s^2
- Fixed: [AddonBraking] change of MFDD threshold was only possible if external trigger was activated
- Fixed: [Dual-Antenna] output of Sats-used and Sats-visible remained > 0 in case of GNSS outage
- Fixed: KF-settled remained 0 in ADMA Eco+
- Fixed: correction data forwarding was corrupt with baudrate setting 38400

2021-04-30: ADMA 3.0 Firmware Version 30.9.0.26

- Added: [webinterface] function for automatic determination of standstill threshold
- Added: automatic correction of small dual antenna mounting inaccuracies
- Added: ignore dual antenna heading, if baseline does not match the configured dual antenna offsets
- Removed: CAN parameter "no ack stops measurement"
- Removed: Omnistar configuration for OEM7 Novatel receivers
- Changed: improved stability of lateral position and velocity in short GNSS outage situations
- Changed: improved standstill detection in RTK mode
- Changed: increase elevation angle cutoff from 5° to 10° for GAL and BDS
- Changed: AddonBraking: round auto start velocity to nearest $\cdot 5$ or $\cdot 10$ m/s
- Changed: [AddonFilter] default values changed to order = 4 and Frequency = 8Hz
- Changed: improved INS-velocity for very slow movements in good GNSS environment
- Changed: output of Sats-used instead of Sats-visible in steering robot data
- Fixed: wrong relative position for 0.5s after measurement start in RTK mode
- Fixed: [webinterface] page reload resets language to English
- Fixed: clipping of INS_Vel > 160 m/s
- Fixed: [AddonBraking] no MFDD calculation for velocity triggered measurement if ext. trigger is activated but not used

ADMA 3.0 Firmware

Release Notes

2020-09-29: ADMA 3.0 Firmware Version 30.8.1.8

- Added: AddOn Filter
- Changed: improved stability after long GNSS outage
- Fixed: inaccurate relative position data and DELTA data after config change without measurement restart

2020-07-30: ADMA 3.0 Firmware Version 30.8.0.41

- Added: support of Indoor Positioning System (IPS)
- Added: [AddOnDelta] new setting "recurrence interval": repetition interval of the last valid DELTA data in msec after EGO data loss (CAN output only)
- Added: [webinterface] German language
- Added: [webinterface] new SBAS systems selectable
- Added: sensor temperature warning handling optimization
- Added: new output data: GNSS Satellites used for Dual-Ant
- Added: set relative position reference point and heading (possibility to rotate the relative coordinate system)
- Added: configuration options for use of Dual Antenna Heading
- Added: [AddOnBraking] "automatic start velocity" option
- Added: change certain parameters without measurement stop
- Added: ABD robot ethernet interface v7
- Added: configuration of receiver type (internal/IPS/none)
- Removed: barometer functionality no longer available
- Changed: [webinterface] DGNSS Presets do not affect the baudrate settings
- Changed: new output data version v3.3.3
- Changed: 16bit resolution for Dual-Ant Heading standard deviation
- Changed: min. velocity for GNSS-course output: setting is fixed to 1m/s
- Changed: min. velocity for heading control range is now 1-7m/s
- Changed: min. velocity for Auto-Init range is now 1-7m/s
- Changed: suppress Dual-Ant control during standstill
- Changed: reset "measuring range trespassed bit" at start of measurement
- Fixed: invalid data sample in INS_Vel during Auto-Init
- Fixed: changes in correction data format settings were not applied correctly
- Fixed: wrong temperature values right after boot
- Fixed: minor bugs in the web-interface
- Fixed: sporadic NaN entries during auto Roll/Pitch
- Fixed: [AddOnBraking] unwanted reset of abort flags

Note: for release notes before version 30.8 please contact GeneSys support

ADMA 3.0 Firmware

Release Notes



SUPPORT

Headquarter

GeneSys Elektronik GmbH
Maria-und-Georg-Dietrich-Str. 6
77652 Offenburg - Germany

www.genesys-offenburg.de
<https://genesys-offenburg.de/support-center/>

Phone: +49(0)7 81 / 96 92 79 - 66
Fax: +49(0)7 81 / 96 92 79 - 11
E-Mail: support@genesys-offenburg.de