

AiM Firmware Documentation

March, 24th 2025

SmartyCam 3 Sport Release history

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Version	Date	Change/additions
01.15.06	Mar, 24th 2025	 Fixed visualization of Latitude and Longitude values when displayed on the overlay Fixed reporting of GPS status when connecting/disconnecting AiM dash devices with internal GPS
01.14.03	Nov, 22nd 2024	Improvements to predictive time
01.13.14	Jul, 30th 2024	Added support for a new set of graphic objects which includes an accelerometer displaying a short history of measures [requires RaceStudio 3 ver. 3.70.30 or higher]
		Added support for a new map object featuring different colors [requires RaceStudio 3 ver. 3.70.30 or higher]
01.13.11	Jul, 19th 2024	Fixed file extension for configurations exported on SD card from menu
01.13.06	Jun, 18th 2024	It is now possible to export the current camera configuration on SD Card through menu entry (MENU->SETTINGS->EXPORT CONF)
01.13.02	May, 21st 2024	 Fixed issue with CAN output status message not being displayed correctly Improved support for AiM GPS-enabled devices
01.12.04	Apr, 19th 2024	 Added possibility to reverse steering wheel control movement (requires RaceStudio 3 ver 3.66.29 or greater) Fixed issues to CAN id mask being ignored in ECU protocol files
		Added support for GPS09c Pro and GPS09c Pro Open (requires RaceStudio 3 ver 3.66.29 or greater)
01.10.04	Jan, 19th 2024	 Fixed graphical dot behaviour in accelerometer overlay when sensor data is missing Fixed Lap distance reset when starting a new recording



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01 00 04	New 20th 2022	
01.09.04	Nov, 28th 2023	Added 'Lap Distance' to the list of channels Description: Construction: Construction
		Predictive Lap Time, Best Lap Time and +/- best lap time now show consistent information
01.09.01	Sep, 22nd 2023	Reduced boot time
01.08.07	Sep, 15th 2023	Improved interoperability with latest Firmware versions for GPS09 receivers
		Improved behavior in case of unstable Input Voltage
01.08.04	Sep, 4th 2023	Improved detection of overheating conditions
01.08.02	Jul, 24th 2023	Integrated GPS 09 B firmware version 02.40.68 to improve CAN network communication
		Fixed interoperability issues with AiM CAN devices when more than one expansion in connected to the AiM CAN Bus
01.07.12	Jun, 30th 2023	Added support for MXm V2 devices
		Improved lap detection when working with ECUs
		Added recording of measures for internal voltages
01.07.07	Jun, 8th 2023	Increased number of available exposure options
		Added support to Flagtronics FT-200 systems (requires Race Studio 3 version 3.59.51 to be configured)
01.07.03	May, 5th 2023	Added icon for current power status in camera display
	-	Fixed interoperability issue with GPS09C
		Fixed CAN Silent Mode when connected to ECU (N/A for SC3 Sport model)
01.06.09	Apr, 19th 2023	Improved reliability of firmware update process
01.06.07	Apr, 18th 2023	Added support for GP PRO models
		Support for most recent GPS models
		Fixes to CAN protocol definitions
01.05.10	Any 7th 2022	= Rug fix for disabling the 120 Obm CAN bus torm insting resistor
01.05.12	Apr, 7th 2023	 Bug fix for disabling the 120 Ohm CAN bus terminating resistor Bug fix for steering pos graphic widget
		sag in to seeing pos graphic waget



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Version	Date	Change/additions
01.05.08	Mar, 6th 2023	Increased integrity of recorded mp4 files
01.04.02	Feb, 7th 2023	Added support for new overlay controls: steering wheel, bike lean angle and minimal colored bargraphs
01.04.01	Jan, 18th 2023	 Patched security issue New lap counters available for lap overlay objects
01.01.18	Oct, 20th 2022	Added support for QuickTime audio
01.01.13	Sep, 13th 2022	Improved battery charge process
01.01.12	Aug, 30th 2022	Add check to master on for auto power off with external power
01.01.10	Aug, 10th 2022	New lap detection improved
01.01.09	Aug, 8th 2022	Video color balancing improved
01.01.07	Jul, 25th 2022	Minor bug fixes
01.01.04	Jul, 12th 2022	 Improvements to predictive time Improved start recording conditions for dragster racers
01.01.01	Jul, 1st 2022	 Added Predictive Time channels to SmartyCam 3 Sport Flip Over setting now flips display of the camera as well as captured video Fixed data spikes in pressure channels when using the default AiM protocol Minor bug fixes
01.00.04	Jun, 1st 2022	 Fixed date and time when downloading videos in RS3 Fixed Best Time channel in overlays Improved data synchronization in overlays