

## **AiM Firmware Documentation**

April, 19<sup>th</sup> 2024

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## SmartyCam 3 Dual Release history

Version	Date	Change/additions
01.12.04	Apr, 19th 2024	<ul> <li>Added possibility to reverse steering wheel control movement (requires RaceStudio 3 ver 3.66.29 or greater)</li> <li>Fixed issues to CAN id mask being ignored in ECU protocol files</li> <li>Added support for GPS09c Pro and GPS09c Pro Open (requires RaceStudio 3 ver 3.66.29 or greater)</li> </ul>
01.10.04	Jan, 19th 2024	<ul> <li>Fixed graphical dot behaviour in accelerometer overlay when sensor data is missing</li> <li>Fixed Lap distance reset when starting a new recording</li> </ul>
01.09.04	Nov, 28th 2023	<ul> <li>Added 'Lap Distance' to the list of channels</li> <li>Predictive Lap Time, Best Lap Time and +/- best lap time now show consistent information</li> </ul>
01.09.01	Sep, 22nd 2023	Reduced boot time
01.08.07	Sep, 15th 2023	<ul> <li>Improved interoperability with latest Firmware versions for GPS09 receivers</li> <li>Improved behavior in case of unstable Input Voltage</li> </ul>
01.08.04	Sep, 4th 2023	Improved detection of overheating conditions
01.08.02	Jul, 24th 2023	<ul> <li>Integrated GPS 09 B firmware version 02.40.68 to improve CAN network communication</li> <li>Fixed interoperability issues with AiM CAN devices when more than one expansion in connected to the AiM CAN Bus</li> </ul>
01.07.12	Jun, 30th 2023	<ul> <li>Added support for MXm V2 devices</li> <li>Improved lap detection when working with ECUs</li> <li>Added recording of measures for internal voltages</li> </ul>
01.07.07	Jun, 8th 2023	<ul> <li>Increased number of available exposure options</li> <li>Added support to Flagtronics FT-200 systems (requires Race Studio 3 version 3.59.51 to be configured)</li> </ul>
01.07.03	May, 5th 2023	<ul> <li>Added icon for current power status in camera display</li> <li>Fixed interoperability issue with GPS09C</li> <li>Fixed CAN Silent Mode when connected to ECU (N/A for SC3 Sport model)</li> </ul>

01.06.09 Apr, 19th 2023 Improved reliability of firmware update process



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Version	Date	Change/additions
01.06.07	Apr, 18th 2023	<ul> <li>Added support for GP PRO models</li> <li>Support for most recent GPS models</li> <li>Fixes to CAN protocol definitions</li> </ul>
01.05.12	Apr, 7th 2023	<ul> <li>Bug fix for disabling the 120 Ohm CAN bus terminating resistor</li> <li>Bug fix for steering pos graphic widget</li> </ul>
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	<ul> <li>Patched security issue</li> <li>New lap counters available for lap overlay objects</li> </ul>
01.03.08	Dec, 5th 2022	Fixed bug in configuration of Mirrored Second Cam