

#### **AiM Firmware Documentation**

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

# SmartyCam 3 Sport Release history

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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 e 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>
01.01.18	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	<ul> <li>Improvements to predictive time</li> <li>Improved start recording conditions for dragster racers</li> </ul>



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Version	Date	Change/additions		
01.01.01	Jul, 1st 2022	<ul> <li>Added Predictive Time channels to SmartyCam 3 Sport</li> <li>Flip Over setting now flips display of the camera as well as captured video</li> <li>Fixed data spikes in pressure channels when using the default AiM protocol</li> <li>Minor bug fixes</li> </ul>		
01.00.04	Jun, 1st 2022	<ul> <li>Fixed date and time when downloading videos in RS3</li> <li>Fixed Best Time channel in overlays</li> <li>Improved data synchronization in overlays</li> </ul>		