

## SmartyCam HD/GP HD Release history

Version	Date	Change/additions
<b>01.04.40</b>	May 3rd 2021	<ul style="list-style-type: none"><li>▪ Fixed cases of stopped video recording and lack of data when GPS09 is connected</li><li>▪ Fixed bug in auto power off for 2h/3h</li><li>▪ SmartyCam HD 2.2: fixed start recording using accelerometers</li></ul>
<b>01.04.36</b>	Feb 10th 2021	<ul style="list-style-type: none"><li>▪ GPS09 Module support</li></ul>
<b>01.04.32</b>	Oct 6th 2020	<ul style="list-style-type: none"><li>▪ Added support for a new overlay</li></ul>
<b>01.04.30</b>	Sep 10th 2020	<ul style="list-style-type: none"><li>▪ Increased charging current</li></ul>
<b>01.04.28</b>	Sep 3rd 2020	<ul style="list-style-type: none"><li>▪ Fix bug in SmartyCam HD auto poweroff</li><li>▪ New GPS fw: 35.64: improved GPS data synchronization</li></ul>
<b>01.04.24</b>	Jun 24th 2020	<ul style="list-style-type: none"><li>▪ Improved track visualization</li></ul>
<b>01.04.22</b>	Mar 18th 2020	<ul style="list-style-type: none"><li>▪ Fixed accelerometers calibration on SmartyCam HD first revision (Slave fw: 60.03.92)</li><li>▪ AiM meta data and video synchronization improved</li></ul>
<b>01.04.18</b>	Oct 8th 2019	<ul style="list-style-type: none"><li>▪ New slave fw: 60.03.90. New GPS fw: 35.62. Fix GPS config for old master</li><li>▪ Added support for SmartyCam GP HD Rev. 2.2 new hardware (SMC08D)</li><li>▪ Added logger temp for new SmartyCam GP HD Rev. 2.2 hardware (SMC08D)</li></ul>
<b>01.04.16</b>	May 21st 2019	<ul style="list-style-type: none"><li>▪ Fix bug on master clock management</li></ul>
<b>01.04.14</b>	May 9th 2019	<ul style="list-style-type: none"><li>▪ Improved em noise management</li><li>▪ Added more auto recording settings for SmartyCam GP HD Rev. 2.2 when ECU stream is enabled</li><li>▪ GPS lap time fixing when ECU stream is enabled</li><li>▪ Added more info to the log file about GPS lap timer status</li><li>▪ Fixed bug related to the .mov creation time</li><li>▪ Improved management of SD card remotion during recording</li></ul>

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<b>01.04.10</b>	Apr 1st 2019	<ul style="list-style-type: none"><li>▪ Fixed GPS Lap Time in Stand Alone when ECU Stream is configured</li><li>▪ Battery monitor for GP HD Rev. 2.2 improved</li><li>▪ ECU master clock and frame video synchronization improved</li><li>▪ Added check for wrong video frame rate and CMOS restart</li><li>▪ Bullet communication protocol improved</li></ul>
<b>01.03.98</b>	Mar 1st 2019	<ul style="list-style-type: none"><li>▪ New slave firmware 60.03.76 that send Smarty status on CAN output</li><li>▪ Added copy of internal log dir on SD card</li><li>▪ Fix for GPS speed with ECU stream running</li><li>▪ Battery charger monitor improved</li></ul>
<b>01.03.86</b>	Dec 19th 2018	<ul style="list-style-type: none"><li>▪ Added support for ECU protocols with GPS data</li></ul>
<b>01.03.84</b>	Nov 27th 2018	<ul style="list-style-type: none"><li>▪ New slave firmware v60.03.63 that fixes a bug in the management of the accelerometer for SmartyCam HD 2.1</li></ul>
<b>01.03.82</b>	Nov 20th 2018	<ul style="list-style-type: none"><li>▪ New slave firmware 60.03.60 that manages on SmartyCam GP HD Rev. 2.2 the ECU stream on the second CAN</li><li>▪ Added some information about the active ECU stream under Dash page</li><li>▪ Added the possibility to turn off the display</li><li>▪ Added two more options: 30 sec and 1 min to the automatic power off</li><li>▪ Fix auto power off with new SmartyCam GP HD Rev. 2.2</li></ul>
<b>01.03.76</b>	Sep 4th 2018	<ul style="list-style-type: none"><li>▪ Added support for new SmartyCam GP HD Rev. 2.2</li></ul>
<b>01.03.72</b>	Dec 4th 2017	<ul style="list-style-type: none"><li>▪ Fixed bug that caused malfunctions connecting two or more SMC in the same AiM network</li></ul>
<b>01.03.70</b>	Oct 24th 2017	<ul style="list-style-type: none"><li>▪ Metadata management compliant with Mac OS x QuickTime Movie Player</li></ul>
<b>01.03.68</b>	Oct 5th 2017	<ul style="list-style-type: none"><li>▪ Fixed video playback issues on Windows 10</li><li>▪ Updated menu items translations</li></ul>
<b>01.03.66</b>	Sep 27th 2017	<ul style="list-style-type: none"><li>▪ Added the possibility to configure the aim meta data insertion for data/video synchronization on .mov file (Note: Not all the players are able to play video with meta data)</li><li>▪ Added KEY SETTINGS page that allow to disable keys during vehicle moving</li></ul>

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<b>01.03.64</b>	Jun 20th 2017	<ul style="list-style-type: none"><li>▪ Includes firmware GPS v 35.58.00 that fixes data synchronization with SmartyCam HD</li></ul>
<b>01.03.62</b>	Apr 14th 2017	<ul style="list-style-type: none"><li>▪ Developed compatibility with pre-amplified microphones</li></ul>
<b>01.03.60</b>	Oct 13th 2016	<ul style="list-style-type: none"><li>▪ Fixed bug on previous release</li></ul>
<b>01.03.58</b>	Oct 12th 2016	<ul style="list-style-type: none"><li>▪ Fixed bug that generated a bad behavior of the GPS08-Smarty when the logger is turned on after the SmartyCam HD</li></ul>
<b>01.03.56</b>	Apr 29th 2016	<ul style="list-style-type: none"><li>▪ Added support for SmartyCam GP HD hardware (Rev 2.1):<ul style="list-style-type: none"><li>▪ New audio codec</li><li>▪ CAN and power filters improved</li></ul></li></ul>
<b>01.03.52</b>	Oct 22nd 2015	<ul style="list-style-type: none"><li>▪ Added disabling keys and MMC door switch when vehicle is moving (Speed &gt; 20mph-35kmh)</li><li>▪ New slave processor firmware (Ver: 60.03.41):<ul style="list-style-type: none"><li>Fixed bug in lateral acceleration for the new Inertial Measure Unit when flip over is enabled</li></ul></li></ul>
<b>01.03.46</b>	Jul 17th 2015	<ul style="list-style-type: none"><li>▪ Fix blinking data on overlay</li></ul>
<b>01.03.42</b>	May 14th 2015	<ul style="list-style-type: none"><li>▪ SD format algorithm improved</li><li>▪ Audio boost removed from automatic audio gain</li></ul>
<b>01.03.38</b>	Feb 18th 2015	<ul style="list-style-type: none"><li>▪ Added audio gain regulation by user interface</li></ul>
<b>01.03.36</b>	Dec 5th 2014	<ul style="list-style-type: none"><li>▪ Improved compatibility with MXG and MXL2 CAN management</li><li>▪ Track Conf page improved</li><li>▪ Minor fix on GPS STATUS and DASH page</li></ul>
<b>01.03.26</b>	Oct 24th 2014	<ul style="list-style-type: none"><li>▪ New auto start recording speed thresholds:<ul style="list-style-type: none"><li>▪ 10mph-15km/h</li><li>▪ 20mph-35km/h</li><li>▪ 30mph-50km/h</li></ul></li><li>▪ Fix bug in start/stop recording from timeout measures</li><li>▪ New auto start rec page</li><li>▪ New spot light setting preview page</li></ul>



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<b>01.03.22</b>	Oct 14th 2014	<ul style="list-style-type: none"><li>▪ Added auto start recording speed thresholds:<ul style="list-style-type: none"><li>▪ 6mph-10km/h</li><li>▪ 12mph-20km/h</li><li>▪ 18mph-30km/h</li></ul></li></ul>
<b>01.03.18</b>	Aug 29th 2014	<ul style="list-style-type: none"><li>▪ Updated .MOV file modification time with GPS time</li></ul>
<b>01.03.14</b>	Jul 1st 2014	<ul style="list-style-type: none"><li>▪ New auto start/stop recording logic</li><li>▪ Improved auto white balance and auto exposure algorithm</li></ul>
<b>01.02.44</b>	May 20th 2014	<ul style="list-style-type: none"><li>▪ Fix overlay freeze when a GPS track map without track points is selected</li><li>▪ Fix wrong overlay running time when the video run out of file-size and we start a new video file</li></ul>
<b>01.02.42</b>	Apr 30th 2014	<ul style="list-style-type: none"><li>▪ Translations updated</li><li>▪ Minor UI update</li></ul>
<b>01.02.40</b>	Apr 15th 2014	<ul style="list-style-type: none"><li>▪ SmartyCam GP HD management</li><li>▪ New spot light settings</li><li>▪ New graphic overlays inspired to Mazda Miata and RX8, Porsche and Mustang Boss design</li><li>▪ Improved Live View stream video quality, to easily adjust the aim of the camera from your PC</li><li>▪ Live Measure function</li></ul>
<b>01.01.16</b>	Sep 24th 2013	<ul style="list-style-type: none"><li>▪ Added SmartyCam HD Release log on SD</li><li>▪ Fix bug on transparency handling in overlay</li></ul>



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<b>01.01.10</b>	Sep 11th 2013	<ul style="list-style-type: none"><li>▪ When the system detect a card not FAT32 formatted, we prompt the user to format it</li><li>▪ Added smooth filter in overlay objects update function</li><li>▪ Synchronized the overlay update to improve solidity of the overlay image</li><li>▪ Time and data format for overlay are taken from internal settings and not from overlay configuration file</li><li>▪ Fix bug in time/date management</li><li>▪ Fix bug on gmt time handling</li><li>▪ Prompt user before deleting video file</li><li>▪ Load all conf. added</li><li>▪ Re-enabled overlay conf. selection page</li><li>▪ Added wait bar and images to popup pages</li><li>▪ If user want to power off the SmartyCam while it is recording video file we prompt the user that SmartyCam is recording</li><li>▪ Added mmc door open as stop video recording trigger</li><li>▪ Added info for display</li></ul>