



EVO4S Release history

| Version | Date | Change/additions |
|-----------------|----------------|--|
| 01.36.06 | Nov, 25th 2020 | <ul style="list-style-type: none">▪ Added GPS09 support External modules <ul style="list-style-type: none">▪ 35.65 GPS Module: Fix Masterclock received from master that caused bad values in GPS data timestamp |
| 01.30.00 | Jun, 9th 2020 | <ul style="list-style-type: none">▪ Race Simulators handling▪ Added Hour/Date info from GPS tracks▪ Added reference speed used to calculate odometers▪ Improved k-line handling External modules <p>No changes</p> |

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| 01.28.20 | Dec, 4th 2019 | <ul style="list-style-type: none">▪ Fixed issue on CAN bus off handling of ECU CAN line▪ Improved synchronization between data from GPS and local data acquisition <p>External modules</p> <ul style="list-style-type: none">▪ 35.64 GPS Module<ul style="list-style-type: none">▪ Improved synchronization between data from GPS and local data acquisition |
| 01.28.10 | Jul, 5th 2019 | <ul style="list-style-type: none">▪ Fixed bug in Channel Expansion/TCHub firmware that caused blinking in Race Studio 3 Live Measures <p>External modules</p> <ul style="list-style-type: none">▪ 40.63 Channel Expansion/TC Hub<ul style="list-style-type: none">▪ Fixed bug that caused blinking in Race Studio 3 Live Measures |
| 01.28.08 | Jun, 12th 2019 | <ul style="list-style-type: none">▪ Fixed CAN protocols with multiplex frames <p>External modules</p> <ul style="list-style-type: none">▪ 40.62 Channel Expansion/TC Hub▪ 35.61 GPS Module |
| 01.28.03 | Feb, 12th 2019 | <ul style="list-style-type: none">▪ Fixed display artifacts in measures value cleaning <p>External modules</p> <ul style="list-style-type: none">▪ 01.26.49 GS-Dash<ul style="list-style-type: none">▪ Measures timeout improved▪ Spansion support▪ Fix data recall synchronization issue▪ 01.26.48 Memory Module<ul style="list-style-type: none">▪ Improved support for various models of SD cards▪ 02.26.51 Shift Light Module<ul style="list-style-type: none">▪ Fixed issues with some ECUs <p>No changes for the other modules</p> |
| 01.26.46 | Dec, 5th 2018 | <ul style="list-style-type: none">▪ Added management of Shift Light Module <p>External modules</p> <p>No changes</p> |

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| 01.26.42 | Oct, 30th 2018 | <ul style="list-style-type: none">▪ Support for CAN Optical Lap (IRM_42)▪ Set Brightness Mode using Remote button fix▪ CAN Bus 120 Ohm Resistor setting fix▪ Optical Beacon blind time fix <p>External modules</p> <p>No changes</p> |
| 01.26.38 | Oct, 5th 2018 | <ul style="list-style-type: none">▪ Added possibility to force channels in Online▪ Fixed bug on Digital output priority handling <p>External modules</p> <p>No changes</p> |
| 01.26.28 | Apr, 12th 2018 | <ul style="list-style-type: none">▪ Fixed bug in remote display configuration <p>External modules</p> <ul style="list-style-type: none">▪ 01.26.22 Memory Module▪ 01.26.28 GS-Dash▪ 01.26.28 Formula Steering Wheel 3▪ 35.58 GPS Module▪ 25.47 Lambda▪ 40.61 Channel Expansion/TC Hub▪ 70.03 Remote buttons interface |
| 01.26.25 | Jan 11th 2018 | <ul style="list-style-type: none">▪ Fixed bug when the Start Data Recording standard condition is configured: in some conditions it caused not recorded data▪ Fixed bug in volume sensors with gallons unit measure <p>External modules</p> <ul style="list-style-type: none">▪ 01.26.22 Memory Module▪ 01.26.22 GS-Dash▪ 01.26.22 Formula Steering Wheel 3▪ 35.58 GPS Module▪ 25.47 Lambda▪ 40.61 Channel Expansion/TC Hub |

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| | | <ul style="list-style-type: none">▪ 70.03 Remote buttons interface |
| 01.26.24 | Nov 14th 2017 | <ul style="list-style-type: none">▪ Fix lockup at power up for some devices <p>External modules</p> <ul style="list-style-type: none">▪ 01.26.22 Memory Module▪ 01.26.22 GS-Dash▪ 01.26.22 Formula Steering Wheel 3▪ 35.58 GPS Module▪ 25.46 Lambda▪ 40.60 Channel Expansion/TC Hub▪ 70.03 Remote buttons interface |
| 01.26.23 | Oct 24th 2017 | <ul style="list-style-type: none">▪ Support for CAN builder ID mask feature▪ Consumed fuel channel▪ Fix: Pulse per wheel revolution setting not working for Speed1 or Speed2 digital inputs▪ Fix: wrong order of operands in bias math channel <p>External modules</p> <ul style="list-style-type: none">▪ 01.26.22 Memory Module▪ 01.26.22 GS-Dash▪ 01.26.22 Formula Steering Wheel 3▪ 35.58 GPS Module▪ 25.46 Lambda▪ 40.60 Channel Expansion/TC Hub▪ 70.03 Remote buttons interface |
| 01.26.14 | Jul 7th 2017 | <ul style="list-style-type: none">▪ Improved CAN management: more reliability in firmup and configuration transmission <p>External modules</p> <ul style="list-style-type: none">▪ 01.26.14 Memory Module▪ 01.26.14 GS-Dash▪ 01.26.14 Formula Steering Wheel 3▪ 35.58 GPS Module▪ 25.46 Lambda▪ 40.60 Channel Expansion/TC Hub: minor bug fixed▪ 70.03 Remote buttons interface |

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| 01.26.08 | Jun 20th 2017 | <ul style="list-style-type: none">▪ Memory Module support External modules <ul style="list-style-type: none">▪ 01.26.08 Memory Module▪ 01.26.08 GS-Dash▪ 01.26.08 Formula Steering Wheel 3▪ 35.58 GPS Module▪ 25.46 Lambda▪ 40.60 Channel Expansion/TC Hub: minor bug fixed▪ 70.01 Remote buttons interface |
| 01.24.56 | Jun 1st 2017 | <ul style="list-style-type: none">▪ Fixed rolling lap time on GS-Dash and Formula Steering Wheel 3 External modules <ul style="list-style-type: none">▪ 01.24.56 GS-Dash▪ 01.24.56 Formula Steering Wheel 3▪ 35.58 GPS Module▪ 25.46 Lambda▪ 40.60 Channel Expansion/TC Hub: minor bug fixed▪ 70.01 Remote buttons interface |
| 01.24.54 | May 19th 2017 | <ul style="list-style-type: none">▪ Includes firmware GPS v 35.58.00 that fixes data synchronization with SmartyCam HD External modules <ul style="list-style-type: none">▪ 01.24.54 GS-Dash▪ 01.24.54 Formula Steering Wheel 3▪ 35.58 GPS Module▪ 25.46 Lambda▪ 40.60 Channel Expansion/TC Hub: minor bug fixed▪ 70.01 Remote buttons interface |
| 01.24.52 | May 18th 2017 | <ul style="list-style-type: none">▪ Fixed GPS Data visualization on GS-Dash and Formula Steering Wheel 3 External modules <ul style="list-style-type: none">▪ 01.24.52 GS-Dash▪ 01.24.52 Formula Steering Wheel 3 |

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| | | <ul style="list-style-type: none">▪ 35.56 GPS Module▪ 25.46 Lambda▪ 40.60 Channel Expansion/TC Hub: minor bug fixed▪ 70.01 Remote buttons interface |
| 01.24.45 | Apr 19th 2017 | <ul style="list-style-type: none">▪ Fixed bug in AiM digital speed channels when 'Ang Velocity' is selected (i.e. RPM setting) <p>External modules</p> <ul style="list-style-type: none">▪ 35.56 GPS Module▪ 25.46 Lambda▪ 40.56 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |
| 01.24.38 | Apr 5th 2017 | <ul style="list-style-type: none">▪ Support for Formula Steering Wheel 3 configuration <p>External modules</p> <ul style="list-style-type: none">▪ 35.56 GPS Module▪ 25.46 Lambda▪ 40.56 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |
| 01.24.34 | Mar 24th 2017 | <ul style="list-style-type: none">▪ Added GS-Dash management▪ Improved accelerometer support: better filtering and uniform sign convention on various devices <p>External modules</p> <ul style="list-style-type: none">▪ 35.56 GPS Module▪ 25.46 Lambda▪ 40.56 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |
| 01.24.00 | Jan 26th 2017 | <ul style="list-style-type: none">▪ Fixed issue that caused CAN network malfunction when remote button device is in the network <p>External modules</p> <ul style="list-style-type: none">▪ 35.56 GPS Module▪ 25.46 Lambda▪ 40.56 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |

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|-----------------|---------------|--|
| 01.22.99 | Jan 19th 2017 | <ul style="list-style-type: none">▪ Added management of GPS position accuracy measure for CAN output <p>External modules</p> <ul style="list-style-type: none">▪ 35.56 GPS Module▪ 25.46 Lambda▪ 40.56 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |
| 01.22.94 | Dec 5th 2016 | <ul style="list-style-type: none">▪ No changes <p>External modules</p> <ul style="list-style-type: none">▪ 35.56 GPS Module▪ 25.46 Lambda: fixed bug that caused shifted lambda samples▪ 40.56 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |
| 01.22.92 | Nov 29th 2016 | <ul style="list-style-type: none">▪ Minor improvements <p>External modules</p> <ul style="list-style-type: none">▪ 35.56 GPS Module: improvements in GPS measurements available to SmartyCam overlay▪ 25.44 Lambda▪ 40.56 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |
| 01.22.86 | Nov 15th 2016 | <ul style="list-style-type: none">▪ Added IRM CAN LAP support <p>External modules</p> <ul style="list-style-type: none">▪ 35.54 GPS Module: improved satellites fix▪ 25.44 Lambda: added keep alive support▪ 40.56 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |

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|-----------------|---------------|--|
| 01.22.82 | Oct 11th 2016 | <ul style="list-style-type: none">▪ Speed up USB transfer▪ Fixed bug in GPS lap management that in some cases caused loss of laps detected <p>External modules</p> <ul style="list-style-type: none">▪ 35.50 GPS Module▪ 25.42 Lambda▪ 40.56 Channel Expansion/TC Hub: improved analogic channels acquisition▪ 70.01 Remote buttons interface |
| 01.22.74 | Sep 15th 2016 | <ul style="list-style-type: none">▪ Fixed alarms functionality based on acquisition channels under encryption <p>External modules</p> <ul style="list-style-type: none">▪ 35.50 GPS Module▪ 25.42 Lambda▪ 40.55 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |
| 01.22.60 | Jul 25th 2016 | <ul style="list-style-type: none">▪ Fixed: alarm hysteresis condition▪ Minor bugfixes and improvements <p>External modules</p> <ul style="list-style-type: none">▪ 35.50 GPS Module▪ 25.42 Lambda▪ 40.55 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |
| 01.20.68 | Jul 1st 2016 | <ul style="list-style-type: none">▪ Fixed: handling of enabling /disabling of CAN termination resistance <p>External modules</p> <ul style="list-style-type: none">▪ 35.50 GPS Module▪ 25.42 Lambda▪ 40.55 Channel Expansion/TC Hub▪ 70.01 Remote buttons interface |