

Release History

Release Number	Firmware Number	Reason for Release
Revision E	2.82	<ul style="list-style-type: none"> • Use with 180318 Rev B
Revision F	2.83	<ul style="list-style-type: none"> • Changed the SORT routine to run the PRT at least once at the end of each lane scan. • Rewrote the IDIV32 and IMUL32 to be much faster to correct problems with high volume sites. • Changed default ADC_TRIP_LO to 128 for REVB boards (remains a 62 for REV A).
Revision G	2.84	<ul style="list-style-type: none"> • Fixed a remaining problem with not marking MMC files as retrieved when they are move to the MMC after already being retrieved from the RAM.
Revision H	2.85	<ul style="list-style-type: none"> • Fixed a major problem causing memory overwriting when copying to MMC and memory run's out. • Now displays "Moving to MMC" even when serial active. • Will not move the last file if it is closed while moving previous files (indicating out of memory!). • Changed to use pre-calculated memory left values (16K left in 68K system, 50K left in 196K system, 100K left all others). • Gave the MOVE2MMC function it's own MOVEFROM and MOVESTOP values. • Added the S180 I/O Address values into IOSPACE. • Added S180 setup of the CCR, CLKMR, & OMCR registers. These settings won't affect the 64180 systems. • Fixed bug leaving couple of characters on display when executing a cold restart from keypad.
Revision I	2.86	<ul style="list-style-type: none"> • Fixed bug in "Pres-WIM-Pres" mode only allowing two axle weights. • Made auto-calibration default to enabled with "1st Axle+Gain" mode for all channels with a range of 9000-12000 on 15 Class 9 Vehicles. • Changed to allow a maximum GVW of 144000lbs/65317kg. • Eliminated the Sensor Type value. • Concurrent changes to Trafman (v. 6.07) and WIM F/W (rev. C)
J	2.87	<ul style="list-style-type: none"> • Added GVW Adjust Values • Fixed bug in Count mode reporting 'unconnected loops' • Extended delay times on some MMC commands • Concurrent changes to Trafman (v6.09) and WIM F/W (rev C1)

K	2.91	<ul style="list-style-type: none"> • Added GVW Adjust Values • Fixed bug in Count mode reporting 'unconnected loops' • Extended delay times on some MMC commands • Concurrent changes to Trafman (v6.09) and WIM F/W (rev C1) Instead of storing Class 4 and above, you can now specify the starting class number. • Added support for inverting signal on any channel. • Added complete Auto Calibrate on Class 2 system. • Added the "LoopXSpace" function to extend vehicle time when using Ax-Pr-Ax or Pr-Ax-Pr-Ax modes. • Added a Min/Max AutoCal value function (to auto adjust gain based on Auto cal values). • Fixed problem with keyboard Test Sensors not displaying Loops Connected/Unconnected properly. • Added default weight value. • Added a range setting on the Auto Cal on Class 2 to allow classes other than 2 to be used. • Added fix to properly allow file retrieval of MMC files numbering more than about 120
L	2.93	<ul style="list-style-type: none"> • Fixed bug not updating the invert bit when changing this setting (counter had to be stopped and restarted for change to take effect). • Fixed bug in LoopXSpace function not using long timeout when ANY loop is on (regardless of which sensor is last activated) • Fixed bug in not showing updated autocal values and gain setting when the Autocal on Class 2 function is enabled and the truck autocal is disabled
M	2.97 (Nov 15/06)	<ul style="list-style-type: none"> • Added Collect Independent Volume Data Feature • Added Dynamic Sensor Assign Feature
N	2.97 (Nov 20/06)	<ul style="list-style-type: none"> • Corrected bug with Rev M that allowed only lanes 1 and 2 to collect and display data.
O	2.98 (appears as 2.99)	<ul style="list-style-type: none"> • Changes made to improve data retrieval from WIM board and reduce corruption issues.
P	2.99 Rel 3/5/07	<ul style="list-style-type: none"> • Increased delay when writing to MMC Card. Eliminates most problems when writing to MMC Card. • Added END MMC command to be automatically sent every time a file is written to the MMC. • When a file is not written properly to the MMC it will be written again until the entire file is transferred. This should eliminate the data/file directory corruption issues.
Q	3.00	<ul style="list-style-type: none"> • Increased MMC Interface delay again in hopes to reduce the instances of duplicate files. • Added version M with a pre-defined BIN table as requested by the BC Ministry of Transportation
R	3.00	<ul style="list-style-type: none"> • Update to version M only at request of BC MoT. Speed and length "bin" definitions, May 28, 2007
S	3.01	<ul style="list-style-type: none"> • fixes the bug with "Dynamic Sensor Assign" found at the Pacific Site in BC.