



DataLogger Series 4 Firmware Revision History

Revision History

Version 4.2002: (February 19, 2020)

- Added support for MagnePulse DMC-S2 drive.
 - Updated the method used to determine the end of a run. This will reduce the number of zero second records logged in the Run history.
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Version 4.1010: (November 11, 2018)

- Improved the handling of MFDOs and MFDIs in Trend files for the OmniPulse DDC Series 2.
 - Improved the menu navigation cycle.
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Version 4.1000: (May 09, 2018)

- Added support for the OmniPulse DDC Series 2 drive.
 - Improved the binary displays in the Fault and Alarm history.
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Version 4.0141: (Dec 15, 2016)

- Corrected various IMPULSE G+/VG+ Series 4 fault descriptions in the Fault History section. For example, a “DIR – Direction” fault was displayed as FLT76, which is the corresponding fault number.
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Version 4.0140: (July 12, 2016)

- D04-36 and D04-37 are now read or written correctly. These are the ASR times during NLB start, and are rarely changed.
 - Improved the date handling in the Run Log during leap years.
 - Added the parameters for European Series 4 and G+ Mini drives.
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Version 4.0130: (July 22, 2015)

- Limited trend files to 15MB. This is to prevent huge trend files from being generated in special applications where the motor runs for longer than one hour.
- Improved how the Alarm text is displayed. Alarm history will now show Short Name and Long Name.
- Added an algorithm to generate a sequential time when the DLS4 powers up with a dead battery (Real Time Clock stopped). On power-up with a dead battery, the DLS4 will find the last trend file generated before the year 2010, and set the time to one hour later. For example, if the last file generated was 8:00 on 1/01/2000, the

DLS4 will set the time to 9:00 1/01/2000. The time will be incorrect, but trend files will be generated in sequential order.

Version 4.0120: (September 10, 2014)

- Improved the handling of the Auto-Tune process on a drive.
 - Added parameters F07-17 to F07-27.
 - Added a progress indicator when erasing trend files.
 - Improved the time handling during daylight savings.
 - Improved the Output HP records to allow it to display a negative value.
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Version 4.0110: (April 18, 2014)

Initial Release

Supported Software:

IMPULSE® •Link 5

Supported File Types:

Parameter files

- *.parx

DataLogger files

- *.ds4
- *.ts4

Supported Drives:

IMPULSE G+ Mini

- Standard

IMPULSE G+/VG+ Series 4

- Standard
- Hoist Synchronization
- Bucket
- Static Stepless Simulation
- Sway Control

IMPULSE G+/VG+ Series 3

- Standard
- Hoist Synchronization
- Bucket
- Static Stepless Simulation
- Sway Control