



# DataLogger Series 4 Firmware Revision History

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## Revision History

### Version 4.1000: (May 09, 2018)

- Added DDC-S2 drive support.
  - Resolved issue with binary displays in Fault and Alarm history.
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### Version 4.0141: (Dec 15, 2016)

- The correct text for a few IMPULSE Series 4 Faults were not showing up properly in the Fault History screen. 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)

- D4-36 and D4-37 were not getting read or written. These are the ASR times during NLB start, and are rarely changed.
  - Dates in the Run Log are off by one day in leap years.
  - Added the parameters for European Series 4 and G+Mini drives.
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### Version 4.0130: (July 22, 2015)

- There was an Incorrect XML tag in the parx header. This tag is not used, so has no effect on anything.
  - Added ability to skip KVA, Motion or Control Method checks when uploading a parx file. This function requires a custom parx file from the factory.
  - 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.
  - Resolved issue where Alarm history would show the short Alarm text twice. 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.
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### Version 4.0120: (September 10, 2014)

- Resolved an issue where Auto-Tune can cause the DLS4 to hang.
- Added parameters F7-17 to F7-27.
- Added a progress indicator when erasing trend files.
- Resolved an issue where the date can become incorrect at the 0th hour during daylight savings due to a bug in how the number of days in the month is calculated.

- Resolved an issue where the Output HP value recorded in fault logs isn't able to be negative, which is inaccurate.
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Version 4.0110: (April 18, 2014)

## Initial Release

- **Supported Software:**

*IMPULSE<sup>®</sup>•Link 5*

- **Supported File Types:**

*Parameter files*

- \*.parx

*DataLogger files*

- \*.ds4
- \*.ts4

- **Supported Drives:**

*G+ Mini*

- Standard

*G+/VG+ Series 4*

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

*G+/VG+ Series 3*

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

- **Bug fixes**

*None*