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TECHNOLOGY

Where Automation Connects.

PLX51-DLplus-232

Data Logger Plus

Gateway

January 6, 2026

Your Feedback Please

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PLX51-DLplus-232 Release Notes
For Public Use.

January 6, 2026

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Contents

1   Start Here

This document highlights the new features, fixes, enhancements and known issues for the PLX51-DLplus-232 gateway.

1.1   About the PLX51-DLplus-232

Model	Standards
PLX51-DLplus-232	UL/cUL; Class1Div2

The PLX51-DLplus-232 Data Logger is an evolution from the original PLX51-DL-232 and is ideal for remote sites with limited communications that need to log data.

OEMs can log their machine's data to identify operational problems or efficiency improvements.

The PLX51-DLplus-232 can read and store data from EtherNet/IP™ PLCs, DF1 Serial PLCs and devices, or Modbus® PLCs and devices.

The PLX51-DLplus-232 has the capacity to store over 16 million records in its solid-state non-volatile memory. Each stored record includes a Date Time stamp, Tag Name, Data Type, and Value.

Additional features of the PLX51-DLplus-232 include:
- A built in webserver to trend up to five (5) user defined variables with configurable time period.
- Stored data can be downloaded to a CSV file via the webserver or manually using the PLX50 Configuration Utility.
- Automatic data retrieval - REST API support to allow other systems to collect JSON-encoded data.

1.2   Release Enhancements

Release Version	Release Date	Description
1.003.012	20-Jul-2022	• Customers with module version number prior to *1.003.011* will be able to successfully upgrade the module firmware to version **1.003.012 or newer.** • Customers with module version number **1.003.012 or newer** will **not** be able to downgrade their firmware to 1.003.011 or older.

1.003.011	24-Jan-2022	**New Features**
		• Enhanced – The trend will show signed values for all data types.
		• Enhanced – Warning message displayed on trend server if maximum number of logs is displayed.
		• Enhanced – Trend display will show warning message if no records are found to trend.
		• Enhanced memory usage during power down event.
		• Added support for Logix Boolean arrays - each Boolean in the array can be logged.
		
		Fixes & Changes
		• Updated:
		   ○ INT and SINT datatype is in signed format when extracting data from module.
		   ○ When logging Modbus Boolean tags, only Bit 1 is used.
		   ○ A group trigger tag must be part of the group as a member for the tag to be logged.
		• Fixed – 32bit variables losing resolution when being logged.
		• Fixed – PLX5 Booleans were not being read correctly.

1.003.008	15-Dec-2020	**New Features** • New Feature – when using JSON, ability to extract trend data using TagID. • New Feature – added support for NTP. **Fixes & Changes** • Updated event extraction time accuracy from one minute to one second. • Updated – when using JSON to extract data, ability to read across and page boundaries. • Fixed – anomaly that may cause Ethernet connection to drop when using NTP.
1.003.006	16-Apr-2020	**New Features** None

		Fixes & Changes • Fixed web report CSV upload when using custom dates.
1.003.005	4-Oct-2019	**New Features** • Added support for JSON requests that has HTTP and JSON sections in different TCP packets. **Fixes & Changes** • Updated the Delta Y logging. If set to 0 (zero), do not log.
1.003.004	5-Aug-2019	Initial Release

2 Support, Service & Warranty

2.1 Contacting Technical Support

ProSoft Technology, Inc. is committed to providing the most efficient and effective support possible. Before calling, please gather the following information to assist in expediting this process:

1 Product Version Number
2 System architecture
3 Network details

If the issue is hardware related, we will also need information regarding:

1 Module configuration and associated ladder files, if any
2 Module operation and any unusual behavior
3 Configuration/Debug status information
4 LED patterns
5 Details about the interfaced serial, Ethernet or Fieldbus devices

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