

Where Automation Connects.



PLX51-PBM

PROFIBUS DP Master/Slave to
EtherNet/IP™, Modbus TCP/IP®, or
Modbus® Serial Gateway

November 30, 2022

Your Feedback Please

We always want you to feel that you made the right decision to use our products. If you have suggestions, comments, compliments or complaints about our products, documentation, or support, please write or call us.

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PLX51-PBM Release Notes
For Public Use.

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1 Start Here

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

1.1 About the PLX51-PBM

The PLX51-PBM gateway provides connectivity to EtherNet/IP™, Modbus TCP/IP®, or Modbus® Serial networks for PROFIBUS DP networks by operating as either a Master or Slave device on the PROFIBUS DP network.

1.2 Release Enhancements

Release Version	Release Date	Description
1.001.042	1-Nov-2022	Minimum firmware revision required to run on hardware with the "HB" designation in the F/W REV product label.
1.001.041	30-Jun-2021	<p>New Features</p> <ul style="list-style-type: none"> • Added support to emulate Legacy Prolinx slave device • EtherNet/IP Explicit Messaging feature • Added support to allow a PROFIBUS DP Master to upload configuration (PLX51-PBM Slave Mode) • Added byte/word swapping at device level • Added option to force DP Slave data to 0 during communication loss (PLX51-PBM Master mode) • Added support for Modbus Function Codes 5 & 6 • Added support for slave devices with PROFIBUS Identity 0.
1.001.038	31-Mar-2021	<p>New Features</p> <ul style="list-style-type: none"> • Added Non-SINT Array support • Added Modbus Communication Status • DP Slaves online during communication failure feature • Fixed PROFIBUS Endian format in Modbus modes for INT data types
1.001.035	1-Jul-2020	<p>New Features</p> <ul style="list-style-type: none"> • Added Modbus TCP/IP and RTU functionality • Added support for importing legacy PCB files <p>Fixes & Changes</p> <ul style="list-style-type: none"> • Shows major, minor, and build revisions in the target browser & device flash • Fixed TCP/ARP window display • Data Exchange bits to clear after slave node address is changed during data exchange.
1.001.017	28-Aug-2019	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

Note: For technical support calls within the United States, ProSoft Technology's 24/7 after-hours phone support is available for urgent plant-down issues.

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