



Powermonitor 1000 Unit Upgrade Kit

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1408-UPE2-E3, 1408-UP485-ENT

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About This Publication

This publication provides the basic operation of the Powermonitor 1000 unit upgrade procedures to make the unit a more full-featured product.

Detailed instructions on the use of your ControlFlash kit is available in the ControlFlash Firmware Upgrade Kit Quick Start, publication 1756-QS105.

Important User Information

Solid state equipment has operational characteristics differing from those of electromechanical equipment. Safety Guidelines for the Application, Installation and Maintenance of Solid State Controls (publication SGI-1.1 available from your local Rockwell Automation sales office or online at <http://literature.rockwellautomation.com>) describes some important differences between solid state equipment and hard-wired electromechanical devices. Because of this difference, and also because of the wide variety of uses for solid state equipment, all persons responsible for applying this equipment must satisfy themselves that each intended application of this equipment is acceptable.





In no event will Rockwell Automation, Inc. be responsible or liable for indirect or consequential damages resulting from the use or application of this equipment.

The examples and diagrams in this manual are included solely for illustrative purposes. Because of the many variables and requirements associated with any particular installation, Rockwell Automation, Inc. cannot assume responsibility or liability for actual use based on the examples and diagrams.

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Throughout this manual, when necessary, we use notes to make you aware of safety considerations.

WARNING 	Identifies information about practices or circumstances that can cause an explosion in a hazardous environment, which may lead to personal injury or death, property damage, or economic loss.
IMPORTANT	Identifies information that is critical for successful application and understanding of the product.
ATTENTION 	Identifies information about practices or circumstances that can lead to personal injury or death, property damage, or economic loss. Attentions help you to identify a hazard, avoid a hazard, and recognize the consequences.
SHOCK HAZARD 	Labels may be on or inside the equipment, for example, a drive or motor, to alert people that dangerous voltage may be present.
BURN HAZARD 	Labels may be on or inside the equipment, for example, a drive or motor, to alert people that surfaces may reach dangerous temperatures.

Install Upgrade Kit

Follow these steps to install the firmware upgrade.

IMPORTANT

The product upgrade firmware is uploaded by using either the Ethernet network port of the Powermonitor unit, or the RS-485 network port. The kit requires at minimum RSLinx Classic Lite software to detect the Powermonitor unit and perform the upgrade operations.

1. From the CD, move the zip file to a local directory for installation of the upgrade.

The upgrade CD contains a zip file that is specially created for only one unit with a specific warranty identification number (WIN). Uploading the wrong file will not produce an effective catalog number upgrade.

2. Open the zip file.
3. Double-click the setup.exe file from within the archive.

The setup file installs the ControlFlash utility on your computer. Answer the prompts as appropriate.
4. Click the checkbox to start the ControlFlash utility at the end of the installation process.
5. When the ControlFlash utility starts, click Next.
6. From the list of available firmware, select the upgrade file that has your WIN and click Next.
7. Browse to and select the Powermonitor 1000 device in the RSLinx software RSWho dialog and click OK.
8. Verify the proper file again for the correct WIN and click Next.
9. On the next dialog, click Finish and Confirm.

The catalog update takes less than one minute to complete. When the download is finished, wait about two more minutes for the device to restart and confirm the success of the update.

TIP

Early revisions of Powermonitor 1000 firmware only report back the main module firmware number. This causes the upgrade to appear to be unsuccessful. Verification in this instance can be performed by viewing the new catalog number on the LCD display, serial communication port, web page interface, or external Rockwell Software applications. For Powermonitor 1000 units, revision 2.xx and later, this is no longer the case.

10. When complete, close the ControlFlash utility and confirm that the firmware was updated.

Additional Resources

For more information regarding the Powermonitor 1000 unit, see these publications.

Resource	Description
Powermonitor 1000 Unit Installation Instructions, publication 1408-IN001	Provides information on how to install and set up the Powermonitor 1000 unit.
Powermonitor 1000 Unit User Manual, publication 1408-UM001	Provides information on memory organization, communication command summary, explicit messaging, SCADA applications, and the unit's data tables.

You can view or download publications at <http://literature.rockwellautomation.com>. To order paper copies of technical documentation, contact your local Rockwell Automation distributor or sales representative.

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