

ArmorBlock™ 2-Port EtherNet/IP Modules Firmware Revision 1.008

Catalog Numbers 1732E-IB16M12R, 1732E-IB16M12DR,
1732E-IB16M12SOEDR, 1732E-OB16M12R, 1732E-OB16M12DR,
1732E-16CFGM12R, 1732E-8X8M12DR, Series A

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About This Publication

These release notes for Firmware Revision 1.008 supplement the existing documentation supplied with your product.

Before You Begin

Compatibility

- Use RSLogix 5000 version 17 or greater.
- Use 1732E-*R Add-on Profile version 1.06.002 and make sure that firmware major revision 1 is selected.

Enhancements

Enhancements for Firmware Revision 1.007

Enhancement	Description
Improved power on time	Power On Self Test (POST) now executes in 3 s, as compared to 19 s in previous Firmware Revision 1.006.

Corrected Anomalies

Corrected Anomalies for Firmware Revision 1.008

Anomaly	Description
NewData bit not set correctly	<p>An anomaly is observed when filtering is enabled and the frequency between channels are asynchronous.</p> <p>The anomaly is more noticeable when the frequency difference between inputs is small (less than 1 Hz).</p> <p>The anomaly can be observed in different behaviours:</p> <ul style="list-style-type: none"> • Timestamp field shows zero value and NewData bit is set • NewData bit remains as 1 or 0 • Missing events. The number of events recorded in the EventNumber field is less than the actual event occurrence.
Missing events for OFF to ON only or ON to OFF only mode	Missing events are observed when module is configured with filtering disabled and Timestamp Capture is set for OFF to ON Input Transition or for ON to OFF Input Transition.

Corrected Anomalies for Firmware Revision 1.007

Anomaly	Description
Multicast connection requests from off-subnet originators are not rejected	Multicast connection requests from off-subnet originators should not be accepted because the ODVA EtherNet/IP specification limits multicast productions to the subnet (TTL = 1). This anomaly applies to owning and listen-only connections from off-subnet originators.
No link established between 1732E-*R and 1732E in a daisy chain configuration	The firmware has been updated so that whenever a 1732E-*R and 1732E module are connected in a daisy chain configuration, the modules reliably establish a link at power up. On rare instances, with Firmware Revision 1.006, the module fails to establish a link with a single port 1732E module during power up.

Upgrade Firmware using ControlFLASH

To upgrade the firmware for your module to Firmware Revision 1.008, you can run the ControlFLASH utility and open the following file:

- 10000076466_02.nvs

A version of ControlFLASH software is installed when you install the RSLogix5000 software. You can also download a version of ControlFLASH, which includes the firmware for these catalogs, from the My Support site at this URL: <http://www.rockwellautomation.com/support/firmware.asp>

After navigating to this web page, click Control Hardware. Then, search for the following products:

- DIO 1732E-xR

For detailed instructions on how to use this utility, refer to publication [1756-QS105C](#), ControlFLASH Firmware Upgrade Kit Quick Start.

Additional Resources

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

Rockwell Automation Support

Rockwell Automation provides technical information on the Web to assist you in using its products. At <http://www.rockwellautomation.com/support/>, you can find technical manuals, a knowledge base of FAQs, technical and application notes, sample code and links to software service packs, and a MySupport feature that you can customize to make the best use of these tools.

For an additional level of technical phone support for installation, configuration, and troubleshooting, we offer TechConnect support programs. For more information, contact your local distributor or Rockwell Automation representative, or visit <http://www.rockwellautomation.com/support/>.

Installation Assistance

If you experience a problem within the first 24 hours of installation, please review the information that's contained in this manual. You can also contact a special Customer Support number for initial help in getting your product up and running.

United States or Canada	1.440.646.3434
Outside United States or Canada	Use the Worldwide Locator at http://www.rockwellautomation.com/support/americas/phone_en.html , or contact your local Rockwell Automation representative.

New Product Satisfaction Return

Rockwell Automation tests all of its products to ensure that they are fully operational when shipped from the manufacturing facility. However, if your product is not functioning and needs to be returned, follow these procedures.

United States	Contact your distributor. You must provide a Customer Support case number (call the phone number above to obtain one) to your distributor to complete the return process.
Outside United States	Please contact your local Rockwell Automation representative for the return procedure.

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Your comments will help us serve your documentation needs better. If you have any suggestions on how to improve this document, complete this form, publication [RA-DU002](#), available at <http://www.rockwellautomation.com/literature/>.

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