

ControlLogix Data Highway Plus-Remote I/O Communication Interface Module

Catalog Number 1756-DHRIO/E

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About This Publication

Use these release notes with ControlLogix Data Highway Plus-Remote I/O communication interface module, series E, version 7.2.

You can also use the ControlLogix Data Highway Plus-Remote I/O Communication Interface Module User Manual, publication [1756-UM514](#).

Restrictions with Series E Module

The series E version of this module is not backwards compatible with respect to firmware. You must use firmware revision 7.x or later with the module. You cannot use firmware revision 6.x or earlier with the series E module.

Replace an Earlier Series of the Module

The new module is compatible with earlier series and can be used as a drop-in replacement for an earlier series in an existing system.

When replacing a series B, C, or D module in this system	Keep this in mind
DH+	If a routing table existed in the old 1756-DHRIO module, make sure the same routing table is downloaded to the replacement module.
RIO	To perform a failed module replacement, the module keying in RSLogix 5000 software must be set for compatible or disable .

Firmware Compatibility

Due to hardware differences between each series of the ControlLogix Data Highway Plus-Remote I/O communication interface module, only certain firmware revisions can be used with each series.

If you have this hardware	You can flash the module to use this firmware
Series B	Revisions 2.x, 4.x, or 5.x
Series C	Revisions 4.x or 5.x
Series D	Revisions 6.x
Series E	Revisions 7.x and later

Software Compatibility

In most cases, no software upgrade is required when using the ControlLogix Data Highway Plus-Remote I/O communication interface module, series D. However, there are situations when software upgrades are necessary.

Software	You are required to upgrade
RSLogix 5000	If the application requires exact keying (for RIO), you must upgrade RSLogix 5000 software to version 15.x or later. Keep in mind you are required to add the 1756-DHRIO icon under the I/O configuration tree in RSLogix 5000 software for DH+ network-only applications.
RSLinx	Depending on which version of this software you are using, you may need to install the updated EDS file for the ControlLogix Data Highway Plus-Remote I/O communication interface module, series D. To obtain the latest EDS file, visit the following site: http://www.ab.com/networks/eds/ To install the latest EDS files, use the EDS Hardware Installation Tool offered with RSLinx software.

Additional Resources

Resource	Description
ControlLogix Data Highway Plus-Remote I/O Communication Interface Module Installation Instructions, publication 1756-IN003	This publication provides installation procedures, wiring and connection procedures, and technical specifications.
ControlLogix Data Highway Plus-Remote I/O Communication Interface Module User Manual, publication 1756-UM514	This publication provides application, configuration, and troubleshooting procedures for the module.

Rockwell Automation Support

Rockwell Automation provides technical information on the Web to assist you in using its products. At <http://support.rockwellautomation.com>, 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://support.rockwellautomation.com>.

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	1.440.646.3434 Monday – Friday, 8 a.m. – 5 p.m. EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

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 (see phone number above to obtain one) to your distributor in order to complete the return process.
Outside United States	Please contact your local Rockwell Automation representative for the return procedure.

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