

# 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.

<b>When replacing a series B, C, or D module in this system</b>	<b>Keep this in mind</b>
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 <b>compatible</b> or <b>disable</b> .

### 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.

<b>If you have this hardware</b>	<b>You can flash the module to use this firmware</b>
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.

<b>Software</b>	<b>You are required to upgrade</b>
RSLogix 5000	If the application requires <b>exact</b> 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: <a href="http://www.ab.com/networks/eds/">http://www.ab.com/networks/eds/</a> To install the latest EDS files, use the EDS Hardware Installation Tool offered with RSLinx software.

## Additional Resources

<b>Resource</b>	<b>Description</b>
ControlLogix Data Highway Plus-Remote I/O Communication Interface Module Installation Instructions, publication <a href="#">1756-IN003</a>	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 <a href="#">1756-UM514</a>	This publication provides application, configuration, and troubleshooting procedures for the module.

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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.

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Outside United States	Please contact your local Rockwell Automation representative for the return procedure.

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