



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

Catalog Number 1756-DHRIO

These release notes should be used with ControlLogix Data Highway Plus-Remote I/O communication interface module, series D, version 6.2.

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Additionally, use these notes with your ControlLogix Data Highway Plus-Remote I/O Communication Interface Module User Manual, publication 1756-UM514.

Corrected Anomaly

After 100 connections have been made to the module an error occurred that caused future connections to produce timeout errors until the module was reset. This happened with any kind of connection, such as, block transfers, DH+, CIP generic etc.

Replace a Previous Series Version of the Module

Functionally, the new module is compatible with the previous versions and can be used as a 'drop-in' replacement for an older version in an existing system.

When Replacing a Series B or C 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 must be set for 'compatible' or 'disable'. ⁽¹⁾

⁽¹⁾ Although not required, you can update the 1756-DHRIO Series B or C entry in the RSLogix 5000 I/O configuration tree to series D so that documentation matches the actual system configuration. You must use RSLogix 5000 software, version 15 or greater to update series B or C entries to series D. To do so, add a 1756-DHRIO Series D entry to the I/O configuration tree, copy the 'modules' under the 1756-DHRIO series B or C entry and paste them under the newly added 1756-DHRIO series D entry. Delete the old 1756-DHRIO series B or C entry after reconfiguring the I/O configuration tree.

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	Versions 2.x, 4.x, or 5.x
Series C	Versions 4.x or 5.x
Series D	Version 6.x or 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™ Software	<p>If the application requires "exact" keying (for RIO), you must upgrade RSLogix 5000 software to version 15.x or later.</p> <p>Keep in mind you are required to add the 1756-DHRIO icon under the I/O configuration tree in RSLogix 5000 software for DH+ only applications.</p>
RSLinx	<p>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.</p> <p>To obtain the latest EDS file, visit the following site:</p> <p style="text-align: center;">http://www.ab.com/networks/eds/</p> <p>To install the latest EDS files, use the EDS Hardware Installation Tool offered with RSLinx software.</p>

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Rockwell Automation Support

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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 with a hardware module 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 module up and running:

United States	1.440.646.3223 Monday – Friday, 8am – 5pm EST
Outside United States	Please contact your local Rockwell Automation representative for any technical support issues.

New Product Satisfaction Return

Rockwell tests all of our 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:

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 return procedure.

www.rockwellautomation.com

Corporate Headquarters

Rockwell Automation, 777 East Wisconsin Avenue, Suite 1400, Milwaukee, WI, 53202-5302 USA, Tel: (1) 414.212.5200, Fax: (1) 414.212.5201

Headquarters for Allen-Bradley Products, Rockwell Software Products and Global Manufacturing Solutions

Americas: Rockwell Automation, 1201 South Second Street, Milwaukee, WI 53204-2496 USA, Tel: (1) 414.382.2000, Fax: (1) 414.382.4444
Europe: Rockwell Automation SA/NV, Vorstlaan/Boulevard du Souverain 36-BP 3A/B, 1170 Brussels, Belgium, Tel: (32) 2 663 0600, Fax: (32) 2 663 0640
Asia Pacific: Rockwell Automation, 27/F Citicorp Centre, 18 Whitfield Road, Causeway Bay, Hong Kong, Tel: (852) 2887 4788, Fax: (852) 2508 1846

Headquarters for Dodge and Reliance Electric Products

Americas: Rockwell Automation, 6040 Ponders Court, Greenville, SC 29615-4617 USA, Tel: (1) 864.297.4800, Fax: (1) 864.281.2433
Europe: Rockwell Automation, Brühlstraße 22, D-74834 Elztal-Dallau, Germany, Tel: (49) 6261 9410, Fax: (49) 6261 17741
Asia Pacific: Rockwell Automation, 55 Newton Road, #11-01/02 Revenue House, Singapore 307987, Tel: (65) 351 6723, Fax: (65) 355 1733

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