



Release Notes

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

Catalog Number 1756-DHRIO/D

These release notes should be used with ControlLogix™ Data Highway Plus-Remote I/O Communication Interface module Series D, version 6.01.

For more information about:	See page:
Replacing a Previous Series Version of the Module	2
Firmware Compatibility	2
Software Compatibility	3

Additionally, use these notes with your ControlLogix Data Highway Plus-Remote I/O Communication Interface module user manual, publication 1756-UM514.

Replacing 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.

Table 1

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, 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.

Table 2

If you have this hardware:	You can flash the module to use this firmware:
Series B	Versions 2.x, 3.x, 4.x or 5.x
Series C	Versions 4.x or 5.x
Series D	Version 6.x or greater

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.

Table 3 Necessary software upgrades

Software	You are required to upgrade
RSLogix 5000™	<p>If the application requires “exact” keying (for RIO), you must upgrade RSLogix 5000 to version 15.x or greater.</p> <p>Keep in mind you are required to add the 1756-DHRIO icon under the I/O configuration tree in RSLogix 5000 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.</p>

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