

# POINT I/O EtherNet/IP Adapters

Firmware Revision: 6.012

Catalog Numbers 1734-AENT, 1734-AENTR, Series C

Topic	Page
About This Publication	1
Before You Begin	2
Enhancements	3
Anomalies	4
Additional Resources	5

## About This Publication

These release notes for Firmware Revision 6.012 supplement the existing documentation supplied with your product. Read this document before using a POINT I/O™ EtherNet/IP™ adapter.



**ATTENTION:** You must only use Series C, and above, POINT I/O modules with 1734-AENT and 1734-AENTR EtherNet/IP Adapters. Series A or Series B POINT I/O modules do not work with 1734-AENT and 1734-AENTR EtherNet/IP Adapters (does not apply to POINT Guard I/O™ modules).



**ATTENTION:** The Series C adapter requires an EDS file for RSLinx® and RSNetWorx™. [Refer to EDS File on page 3](#) for more details.

The RSLogix 5000® software does not need to be updated as long as the adapter in the I/O configuration tree has electronic keying configured as “Compatible Keying”.

## Before You Begin

### Firmware Backward Compatibility

The 1734-AENT Add-on Profiles are compatible with RSLogix 5000 software version 17, or greater.

The 1734-AENT adapters can work with existing profiles in RSLogix 5000 software version 16 with compatible keying.

The 1734-AENTR Add-on Profiles are compatible with RSLogix 5000 software version 17, or greater.

If you use the 1734-AENT or 1734-AENTR adapter with a 1756-ENBT or 1768-ENBT module, use the following required firmware revisions for these bridge modules:

- 1756-ENBT firmware revision 4.006 or greater
- 1768-ENBT firmware revision 2.003 or greater

The 1734-AENTR adapters will accept I/O connections with compatible electronic keying for the 1734-AENT. This allows the 1734-AENTR adapter to be used in a daisy-chain topology with the 1734-AENT Add-on Profile used for the 1734-AENTR.

Add-on Profiles can be downloaded from:

<https://www.rockwellautomation.com/rockwellautomation/support/downloads.page>

## Firmware Revision History

### Firmware Revision History for Series C POINT I/O EtherNet/IP Adapters

Revision <sup>(1)</sup>	Description
6.011	First revision release
6.012	Second revision release

- (1) To upgrade to the latest firmware revision from Firmware Revisions 5.013 or older, follow the upgrade instructions on the Knowledgebase at <http://www.rockwellautomation.com/support/> by searching Answer ID 1072442.

The following tables provide a list of enhancements, known anomalies, and corrected anomalies for the POINT I/O EtherNet/IP Adapter firmware revisions.

## Enhancements

### Enhancements for Series C

Enhancement <sup>(1)</sup>	Description
Series C hardware	The Series C POINT I/O EtherNet/IP Adapter hardware has been redesigned to address component obsolescence. There are no changes to the functionality and features between Series B and Series C adapters.
EDS File	The product's EDS File is updated with the Series C major firmware revision and is embedded in the product's firmware. To access the EDS File: 1. Use RSNetWorx and select the appropriate adapter. 2. Right-click the adapter and select Re-Register Device... The EDS Wizard launches. 3. Select and use the Upload EDS file(s) from the device option. Version 2.59 or later of RSLinx is able to access and install the Adapter's EDS file as an alternative to using RSNetWorx.

- (1) This enhancement only applies to 1734 adapters.

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## Anomalies

### Fixed Anomalies for Firmware Revision 6.012

<b>Anomaly</b>	<b>Description</b>
High Ethernet traffic causes modules to be unresponsive	Occasionally, under high traffic conditions, the Ethernet buffers become full and a mismatch in buffer count occurs. This requires the power to the adapter to be cycled.
Adapter goes offline after receiving several ARP probe packets from IP address 0.0.0.0	Adapter treats ARP probe packets from other MAC addresses as duplicate IP address when two consecutive ARP probes are received.
ControlFLASH indicates firmware update failed when adapter is selected from the backplane	ControlFLASH™ indicates that the firmware update has failed even though the update completes successfully. This anomaly only occurs when the adapter is selected from the backplane.

### Additional Resources

These documents contain additional information concerning related Rockwell Automation products.

Resource	Description
1734 POINT I/O Dual-port EtherNet/IP Adapter Installation Instructions, publication <a href="#">1734-IN041</a> .	Installation instructions for installing the 1734 POINT I/O Dual-port EtherNet/IP Adapter.
1734 POINT I/O and 1738 ArmorPOINT I/O Dual-port EtherNet/IP Adapter User Manual, publication <a href="#">1734-UM017</a> .	User manual for configuring the 1734 POINT I/O and 1738 ArmorPOINT® I/O Dual-port EtherNet/IP adapters. It also includes valuable information on how to replace an adapter.
1734 POINT I/O EtherNet/IP Adapter User Manual, publication <a href="#">1734-UM018</a> .	User manual for configuring the 1734 POINT I/O EtherNet/IP adapters. It also includes valuable information on how to replace an adapter.
Industrial Automation Wiring and Grounding Guidelines, publication <a href="#">1770-IN041</a> .	More information on proper wiring and grounding techniques.
Product Certifications website, <a href="http://www.rockwellautomation.com/products/certification/">http://www.rockwellautomation.com/products/certification/</a>	Provides declarations of conformity, certificates, and other certification details.

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.

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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://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 <a href="#">Worldwide Locator</a> at <a href="http://www.rockwellautomation.com/support/americas/phone_en.html">http://www.rockwellautomation.com/support/americas/phone_en.html</a> , or contact your local Rockwell Automation representative.

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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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