

CompactLogix EtherNet/IP Web Server Module Firmware Release Notes, Revision 2.005 and Earlier

Catalog Number 1768-EWEB

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About This Publication

This publication describes required system components, enhancements, and anomalies (corrected and known) for the 1768-EWEB module, firmware revision 2.005 and earlier.

Compatible Versions of Software

Use these or later versions of software with the 1768-EWEB module.

If using	Use this version or later
RSLinX® Classic software	2.43.00
RSLinX Enterprise software	3.00.00
RSLogix™ 5000 programming software	16.00.00 ⁽¹⁾
RSNetWorx™ for EtherNet/IP software	5.11.00

- (1) The module can be used with previous versions of RSLogix 5000 programming software. However, in those cases, you cannot use RSLogix 5000 programming software to configure the module. You can use RSLinx software, version 2.51.00, to configure the module, but it will not appear in your RSLogix 5000 project.

Enhancements

Enhancements for this product are listed by their firmware revision, beginning with 2.005 and earlier.

Table 1 - Enhancements with Revision 2.005

Revision	Enhancement
2.005	Various security enhancements.

Table 2 - Enhancements with Revision 2.001

Revision	Enhancement
2.001	Added support for Compact GuardLogix® controllers.
	Support for Firefox web browser. Lgx00072120, Lgx00055302
	Support for Internet Explorer (IE) 7 web browser. Lgx00070049, Lgx00084292

Table 3 - Enhancements with Revision 1.002

Revision	Enhancement
1.002	Additional functionality has been added to the Socket Interface feature. The added functions include broadcast sending, multicast reception, linger control, and multicast TTL. Lgx00075961
	The 1768-EWEB module can now be placed into slot 3 or slot 4 of the CompactLogix™ 1768 bus. This enhancement is for use with the 1769-L45 controller. Lgx00075457

Corrected Anomalies

Anomalies corrected for this product are listed by their firmware revision, beginning with 2.005.

Table 4 - Corrected Anomalies with Revision 2.005

Revision	Anomaly
2.005	CORRECTED: Exception in vxWorks_gethostbyname(). Lgx00110507
	CORRECTED: Modifying the Hostname field of the 1768-EWEB module causes messages to fail until the module is reset. Lgx00114900
	CORRECTED: Passing too much data into various FTP commands can cause the 1768-EWEB module to crash. Lgx00119129
	CORRECTED: The size of an application saved to ControlFLASH™ can stop incoming communication through the Ethernet/IP network. Lgx00119663
	CORRECTED: A new MAC address range is rejected by the firmware. Lgx00125285
	CORRECTED: The RSLinx software cannot browse the backplane through the 1768-EWEB module. Lgx00132066

Known Issues

This section lists known issues that have been identified regarding the use of this module.

Use the 1768-EWEB Module to Set Controller Time

If you use the 1768-EWEB module to set the time of a controller with RSLogix 5000 software, version 16.00.00, these programming considerations apply:

- You **must** specify the time zone on both the controller (using the controller's Properties dialog box) and the 1768-EWEB module (using the Local Time Offset field provided in the Time Settings tab).
- If using the 1768-EWEB module to manage DST, you must also manage DST on the controller by using either the checkbox in the controller's Properties dialog box, or in the controller's program by using SSV instructions.

If these considerations are not made, the controller's local time may appear to be correct. However, any controller operation using the UTC time value will be incorrectly calculated by the controller (for example, time stamps for Alarm Instructions may be incorrect).

Use the RSLogix 5000 Controller Clock to Set the 1768-EWEB Module Time

In the Time Settings tab of the 1768-EWEB web page, one of the methods to set the time is Query Controller Clock. Due to enhancements made to Logix controllers to achieve compatibility with IEEE 1588, use of the Query Controller Clock option to get time from the controller results in the 1768-EWEB module clock being set two years ahead.

If you are using a controller at revision 16.00.00, use only the SNTP Time Server or Manual Time Entry option provided in the Time Settings tab to avoid this anomaly.

Application Notes

It is **important** that the speed and duplex settings on the 1768-EWEB module are configured identically to the settings on the switch port that the module is connected to (that is, both auto-negotiate, or both manually set to 100/FULL). A mismatch in speed and duplex settings could result in significant reduction of system performance.

Additional Resources

These documents contain additional information concerning related products from Rockwell Automation.

Resource	Description
CompactLogix EtherNet/IP Web Server Module Installation Instructions, publication 1768-IN007	Information about how to install your module.
EtherNet/IP Web Server Module User Manual, publication ENET-UM527	Information about how to use your module after installation.
Public Law 109-58 of the Energy Policy Act of 2005, available at http://www.epa.gov/swrust1/fedlaws/publ_109-058.pdf	This is publication contains the law specific to the revised Daylight Saving Time implemented in 2007.
US Naval Observatory webpage at http://aa.usno.navy.mil/faq/docs/daylight_time.html	This website contains an explanation of Daylight Saving Time and dates for future years' time changes.

You can view or download publications at <http://www.rockwellautomation.com/literature>. To order paper copies of technical documentation, contact your local Allen-Bradley distributor or Rockwell Automation sales representative.

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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
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