

CompactLogix EtherNet/IP Web Server Module Firmware Release Notes

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 2.001.

Compatible Versions of Software

To use the 1768-EWEB module, you need the following versions of RSLogix 5000 programming software and RSLinx Classic software.

If using	Use this version or later
RSLogix 5000 programming software	Version 16.00 or later ⁽¹⁾
RSLinx Classic software	Version 2.51 or later

- ⁽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, 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 2.001.

Firmware 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
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 2.001.

Firmware Revision	Corrected Anomaly
2.001	Added code to clear the username and password fields if the Authentication box is unchecked in the SMTP configuration web page. Lgx00044276, Lgx00047017
	Two administrator accounts required to disable reads and writes. Lgx00049690
	Data views having read-only tags did not display an Update button. Lgx00050952
	Better aligned 1756-EWEB module time with wall clock time on controllers running RSLogix 5000 software, version 16. Lgx00072103, Lgx00072106, Lgx00075763
1.002	<p>With revision 1.002, the 1768-EWEB module uses (United States) Daylight Saving Time (DST) as specified in the Energy Policy Act of 2005. Beginning in 2007, DST starts on the second Sunday in March at 2:00 a.m. and ends on the first Sunday in November at 2:00 a.m.</p> <p>For more information about DST as specified in the Energy Policy Act of 2005, see the following resources:</p> <ul style="list-style-type: none"> Public Law 109-58 of the Energy Policy Act of 2005, available at http://www.epa.gov/swrust1/fedlaws/publ_109-058.pdf US Naval Observatory webpage at http://aa.usno.navy.mil/faq/docs/daylight_time.html <p>Lgx00060227</p>

Known Issues

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

Use of the 1768-EWEB Module to Set Controller Time

You may use the 1768-EWEB module to set the time of the controller; however, the following programming considerations apply.

If you are using the 1768-EWEB module to set the time of a controller at RSLogix 5000 programming software, version 16:

- 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).

Using a 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, use only the SNTP Time Server or Manual Time Entry option provided in the Time Settings tab to avoid this anomaly.

Application Notes

We recommend the following when you use the module:

- 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 autonegotiate, or both manually set to 100/FULL). A mismatch in speed and duplex settings could result in significant reduction of system performance.

Additional Resources

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 Rockwell Automation distributor or sales representative.

Notes:

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