HORNER
AUTOMATION GROUP

OCS

12.98 Firmware Release for XL4, XL7, and ZX Products

Summary

Horner APG announces the availability of Firmware Revision 12.98 for the XL4, XL7, and ZX controllers. This is available for download from the firmware section of the US web site, https://www.heapg.com/support/controller-firmware/ or the European web site, http://www.horner-apg.com/en/download/ocs.aspx

A NOTE ABOUT FIRMWARE UPDATES:

This firmware has been thoroughly tested, and every precaution has been taken to prevent the introduction of new issues that may be problematic in your application. It is always important for customers to perform their own internal system testing prior to deployment of new firmware.

Factory Revision Letters for Deployment of Firmware Revision 12.98

Product	Revision Letter (Note the second letter indicates Firmware Revision)
HE-XC1E0, HE-XC1E2, HE-XC1E3, HE-XC1E4, HE-XC1E5	CD
HEXT251C100, HEXT251C112, HEXT251C113, HEXT251C114, HEXT251C115	CD
HE-XW1E0, HE-XW1E2, HE-XW1E3, HE-XW1E4, HE-XW1E5	BB
HEXT391C100, HEXT391C112, HEXT391C113, HEXT391C114, HEXT391C115	BB
HE-ZX452, HE-ZX752, HE-ZX1152	BD
HEZX452C100, HEZX752C100, HEZX1152C100	BD

Firmware 12.98 Enhancements – Feature Enhancements

Feature Enhancements
1. Support for Ethernet IP Point to Point communication
2. Customer Configurable Splash Screen (XL4 and XL7)
3. Additional Protocol Support on LAN2 (XL7 and ZX)
4. Support of DS402 Motion Block Support (Requires Cscape 9.4 or newer)
5. Additional Support for second CAN and LAN ports (XL7 and ZX)

Firmware 12.98 – Issues Resolved

Issues Resolved
1. EGD Multicasting
2. Bar Graph issue when mapped to external register(User Defined Protocol)
3. Removable Media Write Error when FTP is configured and controller is connected to FTP Client
4. Corrupt Response Count with serial Modbus when the baud rate is 2400 and lower (XL4 and XL7)
5. HSC Preload Issue on model 2 controllers (XL4 and XL7)
6. Multiplication Math Block when configured for DINT and result value is valid
7. PID Slow Slew Rate with Slew Rate set higher than 320 seconds.

Issues Resolved	
8.	E-mail over GPRS. (XL4 and XL7)
9.	Unable to put the controller into RUN mode when using the GSM Auto Dialer (XL4 and XL7)
10.	Boolean references not updating correctly when used by an internally hosted web page and a tag reference in an IEC program.
11.	Unable to communicate to controller with Ethernet when security option is enabled.
12.	Modbus TCP/IP Manual Trigger Issue when the slave IP is configured for a variable
13.	Unable to use %M and %T bits in CsCAN I/O Configuration
14.	SMS Acknowledgement Message
15.	Controller Watch Dog when performing a Read Removable Media on the B: drive
16.	Corrupted Alarm Log when using Unicode on Secondary Language

Firmware 12.98 – Known Issues

Known Issues	
1.	Remote access issues with the ZX controllers due to issues with Default Gateway settings. Will be resolved with a future version of firmware.

If assistance or additional information is required, contact:

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