

## 15.20 Firmware Release for XL4e, XL7e, EXL6e, EXL10e, & X5

Horner Automation has released Firmware revision for the XL4, XL7, EXL6, EXL10 & X5.

This is available for download from the firmware section at the following websites:

**North American Website** <https://hornerautomation.com/controller-firmware/>  
**European Website** <http://www.horner-apg.com/en/download.aspx>

**NOTE:** When performing a Firmware update, always select Install Bootloader so that all system files are updated.

Latest System File Revisions	
Firmware	15.20
InitRD	1.10
OS Version	2.6.35.65

### 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 the new firmware.

### Firmware 15.20 Additions

FEATURE ADDITIONS		Requires Cscape 9.90
1.	Improved provisions for automatic and manual text wrapping for buttons.	Yes
2.	The Needle-only gauge (previously Classic-style) now supports Triangle and Rhombus needle styles as in the advanced gauge style.	Yes
3.	Added support for the Video object for the X5 Controller.	Yes
4.	Added Digital filtering for the High-speed counting function of several controllers.	Yes
5.	Added Set CAN ID function block in Advanced Ladder editor.	Yes
6.	Improved Indirect Move function block for more flexible use with Tag-based ladder programming.	Yes
7.	Added support for multiple baud rates (250K, 500K, 1M) for J1939 Protocol.	Yes
8.	Improved Boot-up Time	Yes

Removed two duplicate items from table.

## Firmware 15.20 – Corrected Issues

	ISSUES
1.	Corrected issue that broke ethernet communications with certain EGD (Ethernet Global Data) configurations.
2.	Improved Analog Input jitter on X5 controllers
3.	The Email status was corrected. <b>NOTE:</b> See Cscape 9.90 Help file for updated information.
4.	Corrected an issue with email file attachments where the first letter of the attached file name was cut off.
5.	Improved EXL10 Backlight dimming. In some cases, dimming to 50% previously caused flickering.
6.	Multiple improvements to rechargeable battery handling. <b>NOTE:</b> For more details refer to PUN3040-01-EN_Battery_FW15.20.
7.	Corrected issues where FTP was not working in certain circumstances.

## Technical Support

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