



## 14.14 Firmware Release for XL4, XL7, EXL6 and EXL10

Horner APG has released Firmware Revision 14.14 for the XL4, XL7, EXL6 and EXL10 OCS.

Firmware Revision 14.14 is available for download from the firmware section of the US website, <http://www.heapg.com/content/11-controller-firmware>, or the European website, <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 the new firmware.

### Firmware 14.14 Enhancements

| Feature Enhancements |                   |
|----------------------|-------------------|
| 1.                   | Ethernet IP tags  |
| 2.                   | Support for WebMI |

### Firmware 14.14 - Issues Resolved

| Issues Resolved |  |
|-----------------|--|
| 1.              | Corrected multi-touch on OCS screens   |
| 2.              | Corrected saving registers during WatchDog   |
| 3.              | Corrected the blinking OK LED during a USB mini connection   |
| 4.              | Corrected the EXL10 HS motion and IMO part numbers   |
| 5.              | Corrected 32-bit access and swap of 32-bit request and responses                                     |
| 6.              | Corrected the system battery page. "Max Die temperature" changed to "CPU temperature."               |
| 7.              | Corrected ETN port settings to allow port one and two to work simultaneously during settings changes |
| 8.              | Corrected SD card freezing issues with Linux OCS   |
| 9.              | Allowed backward compatibility for newer firmware, 14.13.3xx onwards with older kernel 2.6.35.43     |

### Firmware 14.14 - Known Issues Under Review

| Known Issues |  |
|--------------|--|
| 1.           | Ethernet Upload / Download delays when exchanging big packets.<br>Workaround: Allocate a variable and tag it to a register below R2048. Use the "init Value" for this register to specify the node ID.                           |
| 2.           | OCS resets when some USB cameras are plugged directly into a powered unit.<br>Workaround: Plug the video camera in prior to power-up or use a powered USB hub.   |
| 3.           | If retentive trends with log is enabled along with the multi-language option, two log files are created on the microSD. Instead of logging data in single file, it logs in two different files when switching between languages. |
| 4.           | The protocol update time can sometimes be seen as 0  |
| 5.           | On startup, the battery status is reported as faulty although it is not. This gets corrected by the time the units starts.<br>Workaround: Go to the system menu page to verify the battery status.                               |
| 6.           | Serial comms on RS-485 are slower, sending fewer messages per second   |
| 7.           | If HTTP and FTP both are enabled on ETN300, the FTP of WebMI files fail and can cause the unit to freeze.<br>Workaround: If WebMI is being used, HTTP needs to be disabled.  |

### Technical Support

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