

NXT Controller Firmware v2.2.30

Release Notes

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1.0 Firmware Release

Release of the *NXT* Controller firmware v2.2.30 contains the following fixes.

1. When two or more RIMs in MS mode were in use on one *NXT* controller, cross talk between the RIMs would sometimes occur. A last card lockout for Keri MS readers connected to a RIM has been implemented to fix this issue.

*NOTE: If this problem is occurring, a hardware change is needed in order to correct the issue. Contact Keri Systems, Inc. Technical Support for help in implementing this change when an *NXT* controller has two or more RIMs in MS mode attached.*

2. The wrong Daylight Saving Time flag was being attached to events sometimes making times on reports off by an hour. This has been fixed.

2.0 Known Issues

The *NXT* Controller firmware v2.2.30 has the following known issues:

1. Removing power from an *NXT* controller quickly after performing a system reset may cause the controller's flash memory to lose ALL of its network configuration data. To prevent this from happening, please follow the instructions given in the *NXT* 2-D/4-D Controller Installation Guide (P/N: 0197-001).
2. If a reader is annunciating a Door Forced or Door Held Open alarm and the Door Switch input property is changed to "Unassigned," the reader's beeper will continue to beep after the update has been completed. Verify that any local alarms have been cleared before changing the Door Switch input property.
3. An MS reader attached to a RIM may become unresponsive for up to 30 seconds after an unknown credential is presented to the reader. The controller may also report a "Remote Device Found" and "Remote Device Failed" events after the credential presentation. This issue happens mostly when only one bus is populated on the *NXT* controller.
4. An event is not generated when a controller loses its Ethernet connection.

3.0 Compatibility

NXT Controllers with firmware v2.2.30 is ONLY compatible with the following:

DoorsNXT - Software v2.1.0 or greater

NXT-4x4 - Firmware v02.02.03 or greater

NXT-RIM (Reader Interface Modules) - Firmware v2.02.10 or greater

NXT Readers - Firmware v2.00.01 or greater

NXT Controllers are compatible with MS readers, 26-Bit Wiegand readers, and non-26-Bit Wiegand readers in connection with the use of an *NXT-RIM*.

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4.0 Contact Keri Systems

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