

# NXT Controller Firmware v02.03.03

## Release Notes

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## 1.0 NXT Controller Firmware Release

Release of the *NXT* Controller firmware v02.03.03 contains the following fixes.

1. Support has been added to the controller firmware for the following features:
  - Dual Verification
  - Wiegand Combo Reader (Prox+ Keypad)
  - Flash update within *DoorsNXT*
  - Flash update of the controller's bootloader
  - Tamper Input
2. Redundancy of the Network data has been added so that the controller can automatically recover the IP Address, MAC Address, Gateway, and Subnet Mask if the Flash data is corrupted.
3. Detection of Ethernet Link Status has been added so that when a controller loses its Ethernet connection, it is detected.
4. Added protection to prevent a controller update from resetting the Network Data.
5. Added bootloader version information to status command window.
6. When flashing the controller or bootloader, ULED1 will illuminate until the flashing is completed. Power should not be removed from the controller while ULED1 is lit.
7. When an unknown command was sent to the controller, it would cause the controller to stop responding to the *DoorsNXT* server. This has been fixed so that the controller will continue to respond to the server.
8. An issue where performing a command unlock on a door then performing a complete update, the door would re-lock. This has been fixed so that activated relays are no longer reset after a controller update.

## 2.0 Known Issues

The *NXT* Controller firmware v02.03.03 has the following known issues:

1. Following a Flash Update, if a device fails to appear in the Modules tab of the Flash Controllers/Devices window, wait several minutes and click on the "Get Current Version" button and the device should appear.
2. If an error occurs during a Flash Update, wait approximately 5 minutes before attempting to Flash Update again.
3. 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.

***NOTE: Some earlier versions of the NXT-2D controller have a resistor (R125) installed that prevents updating the bootloader. If flashing the bootloader fails, then the R125 resistor, located on the back of the controller, needs to be removed. Contact Keri Systems Tech Support for information on how to remove the resistor.***

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### 3.0 Compatibility

NXT Controllers with firmware v02.03.03 is ONLY compatible with the following:

*DoorsNXT* - Software v2.3.0 or greater

**NXT-4x4** - Firmware v02.02.05 or greater

**NXT-RIM** (Reader Interface Modules) - Firmware v03.01.04 or greater

**NXT Readers** - Firmware v02.00.01 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.

### 4.0 Contact Keri Systems

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