

PXL-250: Firmware v6.3.49

1.0 PXL-250 Firmware v6.3.49

The PXL-250 Firmware v6.3.49 makes five firmware improvements.

1. Improvements have been made to allow the firmware to handle a high level of activity while in Monitor Mode during a forced update.
2. During a system reset the system time now resets to January 1, 2000.
3. The Auto Lock/Unlock feature would unlock a door briefly prior to the time for which it was set. This has been fixed.
4. A Door Held Alarm would be generated when a door was opened too soon after a Request to Exit. This has been fixed.
5. A new event message has been added for PIN entry violations in connection with the P-650 Card+PIN Proximity Reader and Keypad.

2.0 Application

Firmware release 6.3.49 (PROM v6.3.49 and MIOP v1.10) can only be used in PXL-250 controllers. The leading '6' digit in the release number indicates that this release is for the PXL-250.

3.0 Compatibility

3.1 General Compatibility

- PROM 6.3.49 and MIOP v1.09 or v1.10 are interconnected and both must be installed on a controller for proper operation.
- Firmware release 6.3.49 and Doors32 v3.63 (or higher) must be used together to enable all the new features offered by this firmware release.
- Doors32 only supports PXL-250 controllers with v6.3.20 or greater firmware. PXL-100 controllers are not compatible with Doors32.

NOTE: For additional compatibility information, see the [Compatibility Guide - Series 3](#) (P/N 01876-001).



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4.0 Improvements

- During times of high level of activity, performing a forced update while in monitor mode would cause the system to crash. The firmware has been improved to allow the system to handle more activity.
- After a system reset, the system time would reset to a random date. This has been changed so that the system will always reset to January 1, 2000 making it easier to know if a reset has occurred.
- When the Auto Lock/Unlock was set for certain times, the feature would momentarily unlock the door 40 minutes prior to the designated time. This has been fixed so that the door will remain locked until the designated Auto Lock/Unlock time.
- If a door was opened too soon after a Request to Exit being issued, a Door Held Open alarm would be generated. This revision of firmware ensures that no alarm is generated under these circumstances.
- A new event message has been added for PIN entry violation in connection with the Card+PIN feature: Card+PIN PIN Entry Violation. This message is generated whenever an incorrect PIN is entered at a P-650 Card+PIN Proximity Reader and Keypad.