

PXL-500 / PXL-510: Firmware v8.4.49

Release Notes

1.0 Firmware Changes

PXL-500/PXL-510 Firmware v8.4.49 contains two fixes:

1. A bug was introduced into the v8.4.48 firmware release that affected controllers using the P-600 combo reader in dual verification applications, disabling dual verification and granting access upon entry of the first credential and not requiring the entry of the second credential. This bug has been fixed so that dual verification is applied properly.
2. An anti-passback error was incorrectly recorded under the following condition:
 - if anti-passback was enabled on a controller but not for a particular cardholder
 - and that cardholder presented a card to the reader, but did not open the door before the door open timer expired
 - and then that cardholder again presented the card to the reader
 - an anti-passback violation event was recorded for that cardholder

This has been corrected to completely exclude cardholders from APB processing if APB has not been applied to that cardholder.

2.0 Compatibility

- Firmware release 8.4.49 (PROM v8.4.49 and PIC v2.11) can only be used in PXL-500/PXL-510 controllers. The leading '8' digit in the release number indicates that this release is for the PXL-500/PXL-510.
- PROM 8.4.49 and PIC v2.11 are interconnected and both must be installed on a controller for proper operation.
- Firmware release 8.4.49 and *Doors* version 4.50 or greater must be used together to enable all the new features offered by this firmware release.
- An SB-593 is compatible with both a PXL-500/PXL-510 and a PXL-250 (the extra row of connector pins on the SB-593 will “hang” over the PXL-250’s mounting holes).
- A PXL-500/PXL-510 can be added to any existing PXL-250 network and it will function just like a PXL-250. The PXL-500/PXL-510 has additional functionality in terms of card capacity and other features. If PXL-500s/PXL-510s are added to an existing PXL-250 network and the new features will be used (such as Temp Cards), then a PXL-500/PXL-510 must be installed as the master and any controller location that will use the function must also have a PXL-500/PXL-510 in place.
- If Alarm Control integration with a NetworX NX-8E alarm panel will be used, a PXL-510 **MUST** be used as the master. This is true for either a PXL-250 network, a PXL-500 network, or a mixed PXL-250/PXL-500 network. In a PXL-250 or a mixed network, any doors participating in alarm control must use a PXL-500/PXL-510.
- When implementing a PXL-500 system that will also incorporate EntraGuard telephone entry, the telephone entry unit is no longer required to be the master. PXL-250/EntraGuard mixed systems still require an EntraGuard as the master controller.

NOTE: For specific compatibility information, refer to the [Series 3 and 4 Compatibility Guide](#) (P/N 01876-001).

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3.0 Known Issues

There are no known issues.

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