

PXL-500 / PXL-510: Firmware v8.5.14

Release Notes

1.0 Firmware Changes

This firmware release has one feature addition and one product improvement.

1. Added recognition of PXL-500-G and LC controllers and SB-G Satellite Boards. These units are specifically configured for operation in Gate or Elevator Control applications.
2. A number of firmware changes have been made to improve operation in access control networks that include both PXL and EntraGuard units.

2.0 Known Issues

There are no known issues.

3.0 Compatibility

You must use Doors v4.71 in conjunction with corresponding, new, controller firmware releases to take advantage of all the additions, improvements, and bug fixes. Please refer to the following, supported hardware/firmware table.

Table 1: Supported Hardware and Firmware

Product	Supported in Software	Firmware	PIC
PXL-500-1/510-1	Yes	v8.5.14 (new)	v2.11 (existing)
PXL-G/LC	Yes	v8.5.14 (new)	v2.11 (existing)
SB-593-1	Yes		v1.2 (new)
SB-G/LC	Yes		v1.2 (new)
PXL-500/510 (obsolete product replaced by PXL-500-1)	Yes	v8.5.14 (new)	
SB-593 (obsolete product replaced by SB-593-1)	Yes		v1.2 (new)
PXL-250 (obsolete product replaced by PXL-500)	Yes	v6.3.20 (existing)	v1.10 (existing)
SB-293 (obsolete product replaced by SB-593)	Yes		v1.1 (existing)

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NOTE: For all controllers, you can use downlevel firmware revisions, but new program additions, improvements, and bug fixes will not be available for use as these features are not implemented in the downlevel firmware releases.

Rules For Mixed Controller Type Networks (mixing PXL-500s, PXL-250s, and EntraGuards)

- To use the Alarm Control feature, a PXL-510 must be the master controller.
- To use the Temp Cards feature, a PXL-500 or PXL-510 must be the master controller.
- A PXL-500 or PXL-510 may be used as a slave controller on a network with a PXL-250 master controller, however features that require a PXL-500 or PXL-510 to be the master controller (e.g. Temp Users and Alarm Control) will not be available.
- A PXL-500 or PXL-510 may be used as a slave controller with any EntraGuard controller as the master controller.
- In a mixed network of PXL-250s and EntraGuard controllers, an EntraGuard controller must be the master controller. There is no such requirement in a mixed network of PXL-500s, PXL-510s, and EntraGuards.
- 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.

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