Nice TECHNICAL BULLETIN

936 Controller Firmware Release: Version v8.0 & v6.0

FIXED ISSUES:

Erratic obstruction detection corrected; was either

• Excessive battery drain caused by stalling near

the limit was solved by adding maximum run timer.

too sensitive or not sensitive enough.

OPERATOR: All operators using the Nice 936 controller

DATE: 06/01/2020

SUBJECT: Instructions for updating 936 controller firmware using a USB storage drive

NEW FEATURES:

Maximum runtime timer:

- The maximum runtime timer only operates during open and close cycles for a learned system.
- The maximum runtime timer expires after 1 minute and is not adjustable.

CHANGES & ENHANCEMENTS:

Updated Inherent Entrapment System (IES) functionality for more accurate obstacle detection.

FIRMWARE UPDATE INSTRUCTIONS:

SETUP REQUIREMENTS:

- 936 Controller
- Power Supply (for 936 Controller)
- Firmware update file: flash_936_App.uc3
- USB storage drive
- Download "flash_936_App.uc3" file from <u>https://support.</u> <u>hysecurity.com/hc/en-us/sections/360007581133-Nice-</u> <u>firmware-for-936-and-1050-control-boards</u> and copy the file to a USB drive.
- 2. Remove the battery power connector from the 936 controller (FIGURE 1).
- 3. Install a jumper next to the USB port (FIGURE 1).
- 4. Plug in the USB drive to the USB port (FIGURE 1).
- 5. Re-connect the battery power connector.
- 6. After a few seconds, the USB LED turns on and the typical LED startup sequence begins.
- 7. If the firmware upgrade is successful, the display should show "8.0" for 936US and "6.0" for 936I during the startup procedure.
- 8. Remove the battery power connector.
- 9. Remove the USB drive.
- 10. Remove the firmware jumper.
- 11. Connect the battery power connector for normal 936 controller operation.

(Continued)



FIGURE 1: 936 Controller

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FACTORY RESET AND RELEARN PROCEDURE:

It is recommended to return system settings to original factory defaults and re-learn the system.

- 1. Press and hold "Reset" button until "Fd" is shown in display. Display should then show flashing "Lr".
- 2. While "Lr" is flashing, press and hold open or close button to move the gate to a central position (i.e., not at the open or close limit).
- 3. Press and hold the "Learn" button until "Lr" is solid on the display.
- 4. Press "OK" to begin the gate limit learning procedure.

Contact Information:

Visit <u>https://hysecurity.com/technical-support/</u> for installation manuals, replacement part instructions, part diagrams and more.

Qualified HySecurity distributors are experienced and trained to assist in resolving installation problems. For the name of a qualified distributor near you, call HySecurity at 800-321-9947. *Before contacting your distributor or HySecurity Technical Support, obtain the serial number of your operator.