Technical Bulletin

SmartCNX™ / SlideDriver II™ Firmware Release: h6.07

OPERATORS: SwingSmartCNX™, SlideSmartCNX™ , and SlideDriver II™   **DATE:** 04/15/2024

SUBJECT: New h6.07 Firmware Release (Filename: h6.07.cnx)

DESCRIPTION: SmartCNX and SmartTouch 720/725 firmware h6.07 has been released for SwingSmartCNX, SlideSmartCNX, and SlideDriver II operators. This is for both the SmartCNX controller (P/N MX4345) and SmartTouch 720/725 (P/N MX5552 and MX5626).

IMPACT: New features, enhancements, and fixes.

NOTICE

Changes described below are changes between firmware version h6.06 and h6.07. This is not an exhaustive list. Please contact technical support or your sales representative for more details.

NEW FEATURES:

- Added support for SmartTouch 720 board, including hiding some menu items related to connectivity.
- Added support for communication with control panels via Modbus RTU and Modbus TCP/IP – specifically Concentric Security HMI Touch Panels.

CHANGES/ENHANCEMENTS:

- Inverted the function of solid-state User Relays when option 1 is selected – the relay energizes and stays energized when the close limit is activated. Electro-mechanical relays will still activate when the limit is released and deactivate when the limit is reached.
- Expanded HyNet functionality in SmartTouch 725: including added ability to change menu items, RADIUS authentication, REST services, and capability to remotely emergency close and open gates regardless of how emergency input is programmed. REST services and RADIUS authentication have only had basic desktop testing.
- First button press now only wakes the display instead of unintentionally clearing a fault or alert.

FIXED ISSUES:

- Intermittent lock-up of panel buttons/display issue is fixed.
- For SD50F models, a reversal near limit could cause a false Error 10 is fixed.

NOTE:

- Loading firmware over h6.03 requires the USB drive to be left in the operator after the initial firmware load as second update occurs automatically to load the Web Server firmware.
- Both gates in a dual gate system must have the same version of firmware to avoid "Error 4 - Dual Gate Communication" errors

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LINKS:

Firmware Update Download Location:

https://support.hysecurity.com/hc/en-us/categories/360003202873-Software

Firmware Update Video Instructions:

https://support.hysecurity.com/hc/en-us/articles/360043205773-Video-How-To-Upgrade-the-Software-on-t