

Mercury 310 Controller Firmware Release: h7.03

SUBJECT: New Mercury 310 Controller Firmware Release h7.03

DATE: 11/2024

OPERATORS: All operators using the Mercury 310 Controller

FIELD PROGRAMMING DEVICE: USB flash drive

FILENAME: Mercury310update_H7_03.bin

IMPACT: New features and fixes.

IMPORTANT NOTICE!

A factory reset is performed automatically on startup after updating the firmware from older firmware!

NOTE: After a firmware update, normal operator provisioning will have to be performed. This includes re-learning limits and other settings.

NEW FEATURES:

- **Juno Slide Gate Operator support.**
- **User defined slowdown points**

To adjust open or close slowdown points:

1. Limits must be learned prior to adjusting slowdown points.
2. Turn the UI knob to LRN MOTOR 1 to adjust motor 1 slowdown points.
 - Ensure that “L1” or “L2” is shown on the display (adjust UI knob position if needed).
3. Press the Open or Close button to adjust the associated slowdown point.
4. The associated limit LED will flash to indicate whether the open or close slowdown point is currently being adjusted.
5. The display will show the current slowdown point.
6. Use the left or right buttons to adjust the slowdown point.
7. To save the new slowdown point, press the same Open or Close button used to adjust either the open or close slowdown point.
 - Slowdown point is not automatically saved.
 - User must press the same open or close button to save.
8. To cancel, press the Stop button.

NOTE: The Stop button causes the display to no longer display UI knob associated settings (i.e., LRN MOTOR 1, Force, Close Timer, etc.).

CHANGES/ENHANCEMENTS:

Updated IES threshold during acceleration for linear actuators.

LINKS:

Download firmware from <https://support.hysecurity.com/hc/en-us/categories/360003202873-Software>. For update instructions, refer to page 44 of the Mercury 310 Installation and Programming Manual (<https://support.hysecurity.com/hc/en-us/articles/4404808203927-Mercury-310-Installation-and-Programming-Manual>).