Hawk-IoT Reprogramming Instructions

The Hawk-IoT WiFi module accepts baud rates of 125kbps, 250kbps, and 500kbps, with a default preset of 250kbps (unless you have custom ordered a CAN speed).

To reprogram the module, you will need a device that can send out custom CAN messages. **The module needs to be on its own CAN bus with no other messages, and ensure there is proper CAN termination.**

In your CAN device send a message with CAN ID 0x13A at the baud rate the module is currently programmed at, with a first byte of either:

0x0A = 125 kbps (1 blink)
0x0C = 250 kbps (2 blinks)
0x0D = 500 kbps (3 blinks)

When the module receives this message, it will blink red very quickly about 20 times, then will pause for 3 seconds and will follow with a series of red blinks to confirm the selection (see above). For example, once the CAN reprogram message is received for the 250 kbps baud rate, it will blink 20 times very quickly, wait 3 seconds, then link twice. Once the device has been reprogrammed, the module will restart. NOTE: If you don't know the current CAN speed it's programmed to, you'll need to send this CAN instruction at each baud rate until you find the CAN speed it was last programmed to.