

ION Connect Firmware Update

ION SENSE®

Overview

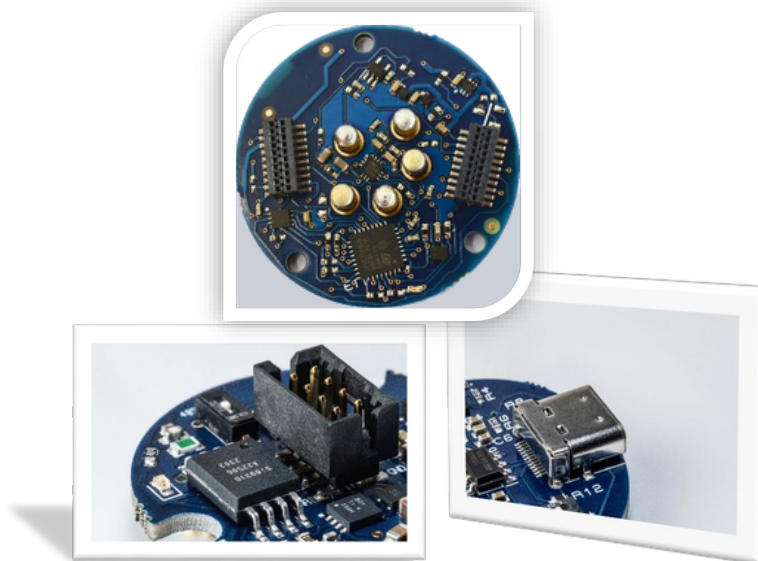
This technical bulletin provides information on the latest firmware update for the ION Connect integration PCB from ION SENSE. Firmware update V1.60 introduces additional configuration options to provide greater flexibility when integrating the ION Connect into different systems and applications.

ION Connect Firmware update V1.60

Firmware version V1.60 introduces the following enhancements:

- Option to change Parity. (Register 0x18)
- Option to change stop bits. (Register 0x19)

These additional configuration options provide greater flexibility when integrating the ION Connect with different systems. We recommend installing the latest firmware to ensure your ION Connect is up to date and benefits from the latest improvements.



How Can I Access the Update?

The ION Connect firmware update can be downloaded through ION PC Software (V1.2.0.0). Once you have opened the software, the latest available firmware update will be displayed on the Home screen. From there, you can access and install firmware V1.60.

Please ensure you are using ION PC Software V1.2.0.0 or later to access the latest firmware update.

Firmware Updates



ION Connect V1.60

23/09/2026

To access the latest ION Connect firmware update, first connect your ION Connect integration PCB to the ION PC Software.

1. Open ION PC Software and connect your ION Connect.
2. Navigate to Settings within the software.
3. Select the available firmware version.
4. Click Update Firmware to begin the update process.

The software will identify the available firmware update and guide you through the update process. Please ensure the ION Connect remains connected throughout the update to prevent any interruption.

Firmware Upgrade Version: 1.6 ▼

UPDATE FIRMWARE

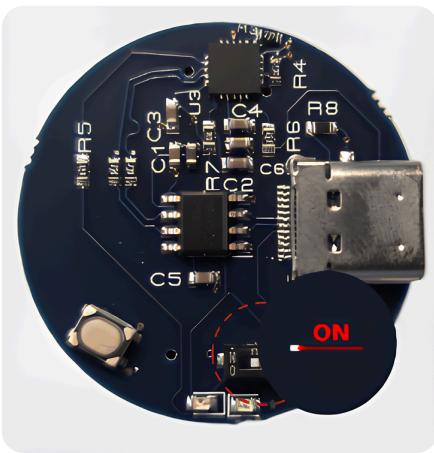
Firmware Update Process

Once you have selected Update Firmware, follow the instructions displayed on screen to prepare the ION Connect for the firmware update.

You will be prompted to adjust the switch on the ION Connect and press the reset button before continuing with the update.

When prompted:

- 1.Set the switch to the position shown in the on-screen instructions.
- 2.Press the reset button on the ION Programme.
- 3.Press OK in ION PC Software to continue.



The firmware update will start once you press OK.

Please ensure the ION Connect remains connected to the computer throughout the update process and do not disconnect the device until the update has been completed.

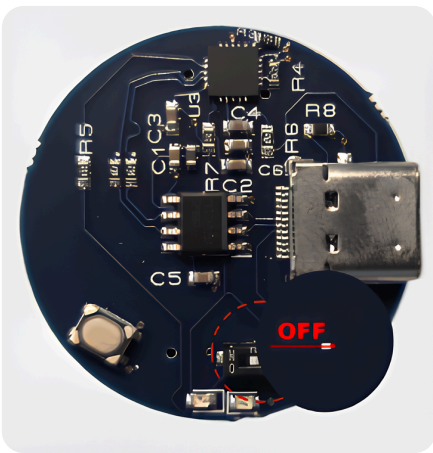


Completing the Firmware Update

Once the firmware update is complete, follow the instructions displayed on screen to return the ION Connect to its normal operating configuration.

When prompted:

- 1.Set the switch to the position shown in the on-screen instructions.
- 2.Press the Reset button on the ION Programme.
- 3.Press OK to continue.



The new firmware version will then be applied to the ION Connect.

You can confirm that the update has been completed by navigating to the Settings section of ION PC Software and checking the firmware version.

The updated firmware should be displayed as:

Firmware Version: 1.6

Firmware Version: 1.6

For further information or technical support, please contact sensors@ionsense.com.



ION SENSE® Global Offices

ION SENSE - UK

The Hive, Butts Lane,
Fowlmere, Cambridgeshire,
SG8 7SL, UK

[+44 \(0\)1763 208503](tel:+441763208503)
sensors@ionsense.com
ionsense.com

Visit us on [LinkedIn](#)

ION SENSE - France

41 rue des Etoiles
83240 Cavalaire / Mer
France

[+33 613 505 535](tel:+33613505535)
ionscience.com/fr

ION SENSE - India

#1-90/B/C/3/1,G-10,
Charmy, Vittal Rao Nagar,
Image Hospital Lane
Madhapur,
Hyderabad – 500 081,
Telangana State, India

[+91 -40-4853 6129](tel:+914048536129)
ionscience.com/in

ION SENSE - Italy

Vie delle Querce 1/g 40011
Anzola dell'Emilia (Bologna)
Italy

[+39 051 0561850](tel:+390510561850)
ionscience.com/it

ION SENSE - America

4153 Bluebonnet Drive
Stafford, Texas,
77477, USA

[+1 877 864 7710](tel:+18778647710)
ionscience.com/usa

ION SENSE - China

1101, Bldg B,
Far East International Plaza
No` 317, Xianxia Road,
Shanghai, China

[+86 21 52545988](tel:+862152545988)
[https://ionscience.cn](http://ionscience.cn)