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Measurement Collection Specialists

Mobile Module – Continuous, TIR, & Absolute Read Modes

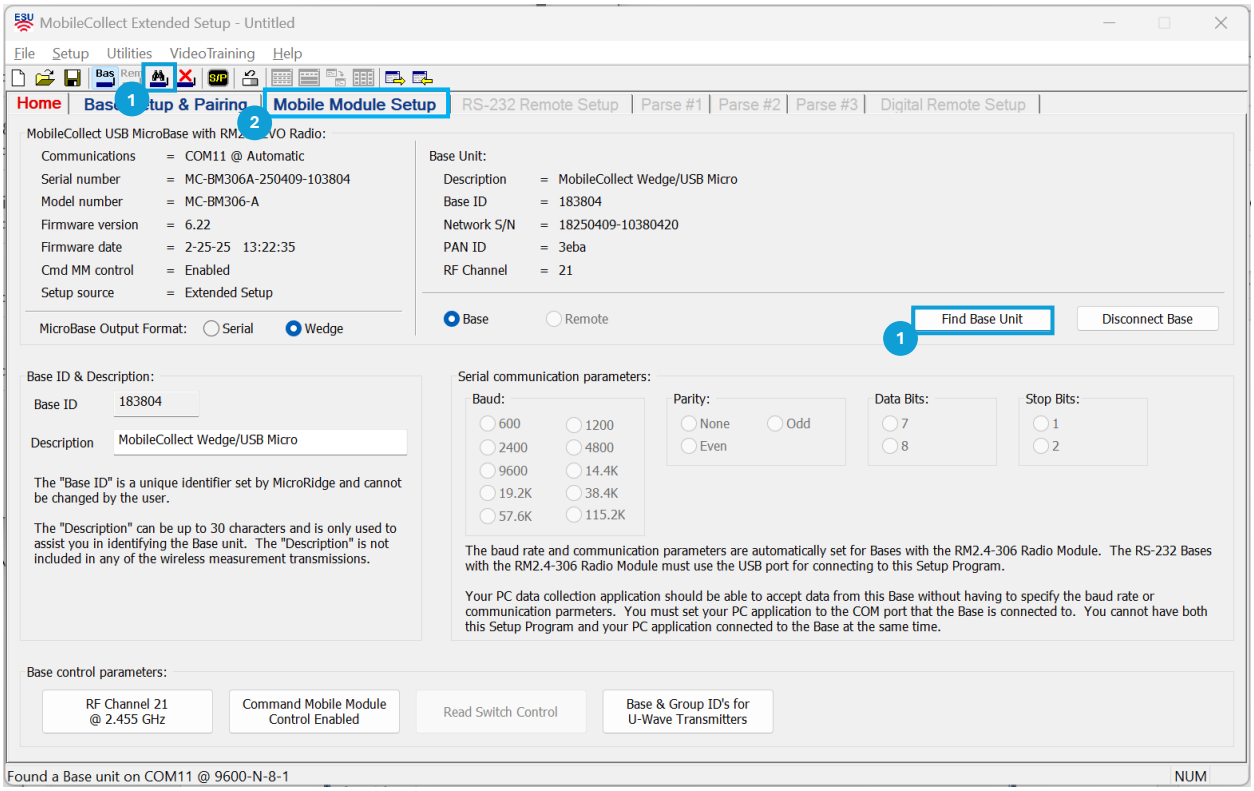
Applicable Devices

Mini Mobile Module | Command Mobile Module | RS-232 V2 Mobile Module

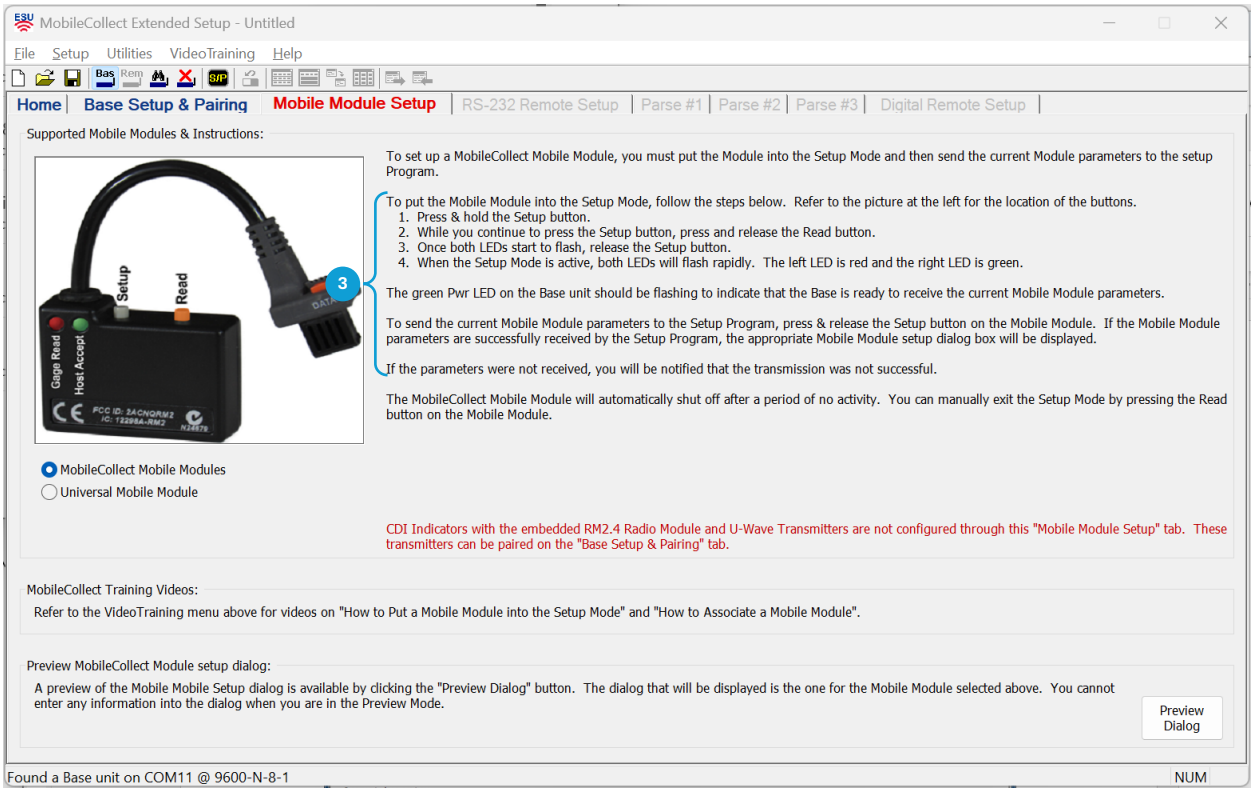
Contents

1. Entering Mobile Module Setup in Extended Setup Program

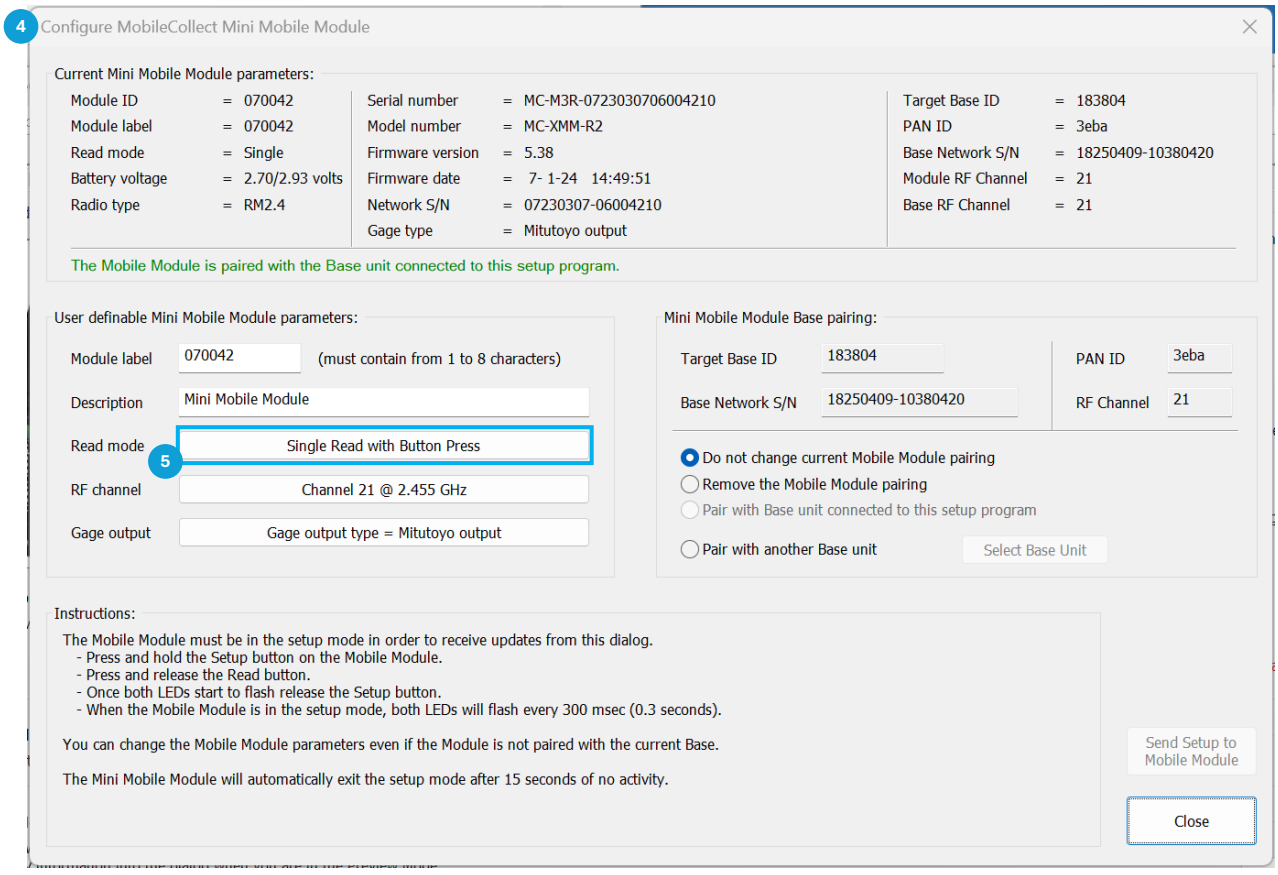
1. Open MobileCollect Extended Setup software and find the base.
2. Click on the Mobile Module Setup tab



3. Follow the procedure shown in the window to put the Mobile Module in “Setup Mode”. Once in setup mode, press the setup button again.

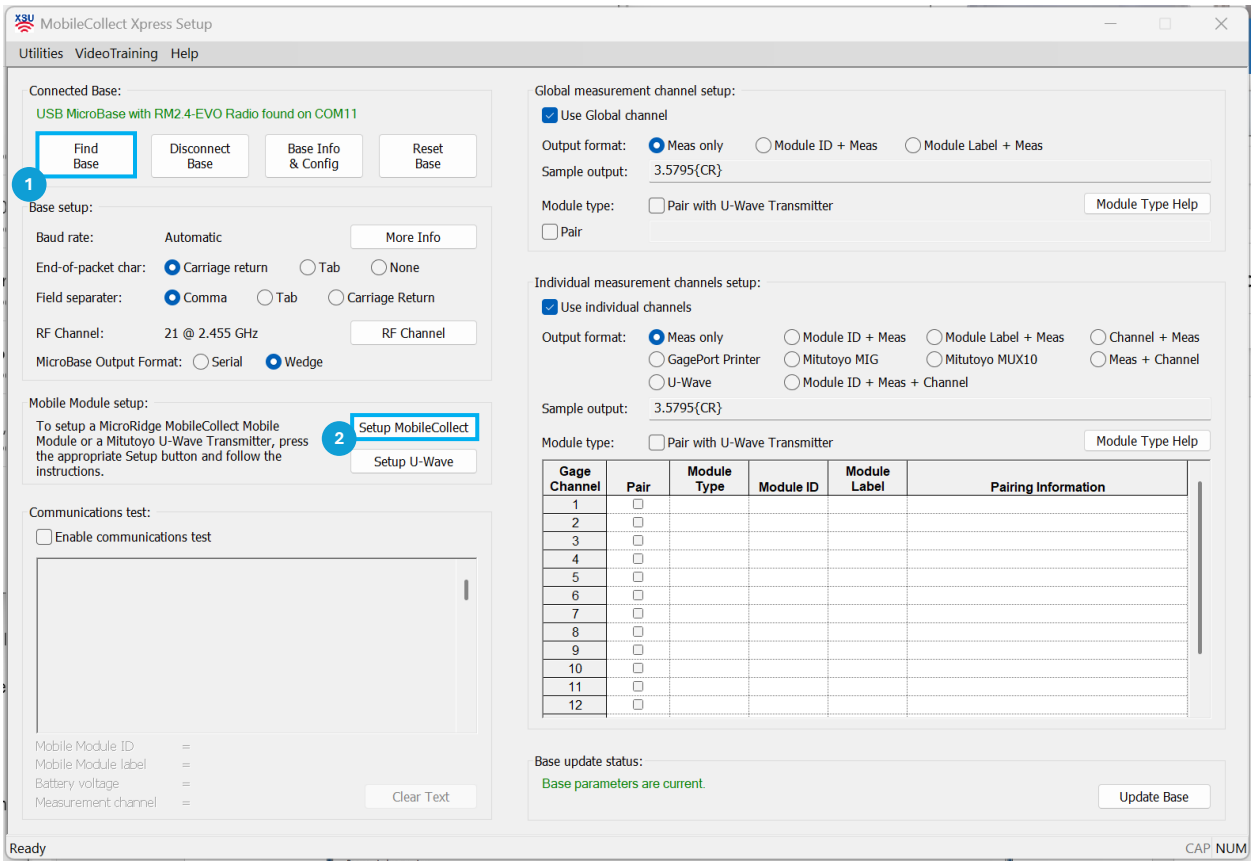


4. The “Configure MobileCollect Mobile Module” Window will appear.
5. Press the Read Mode Button to open the Read Mode Window. Proceed to Section 3.

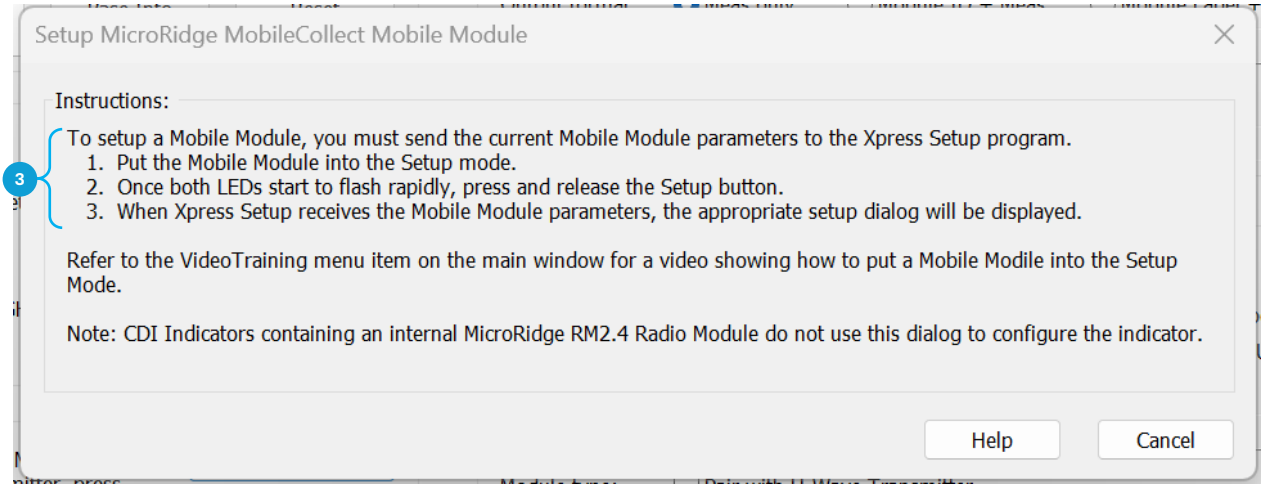


2. Entering Mobile Module Setup in Xpress Setup Program

1. Open MobileCollect Xpress Setup software and find the base.
2. Click on the “Setup MobileCollect” Button

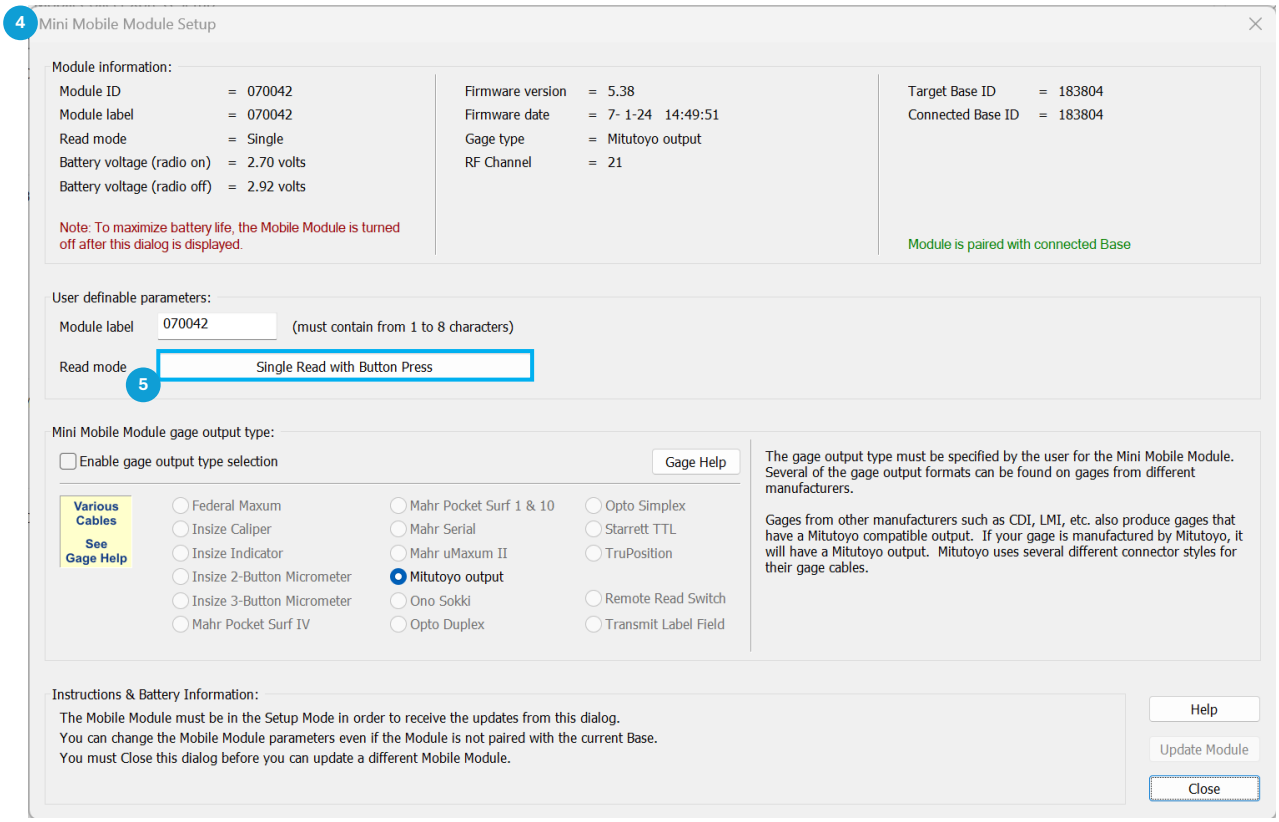


3. Follow the procedure shown in the window to put the Mobile Module in “Setup Mode”. Once in setup mode, press the setup button again.



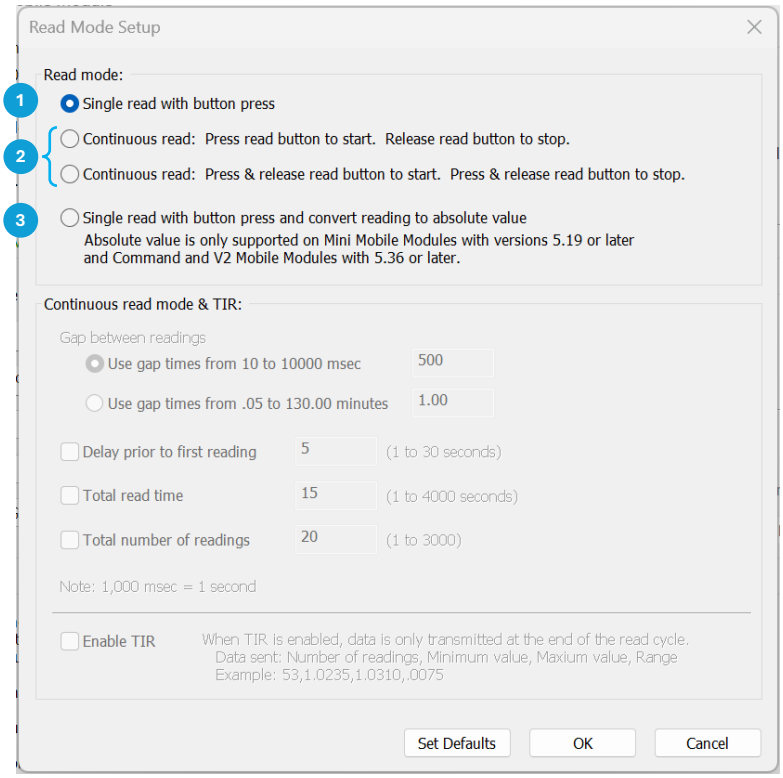
4. The “Mobile Module Setup” Window will appear.

5. Press the Read Mode Button to open the Read Mode Window. Proceed to Section 3.

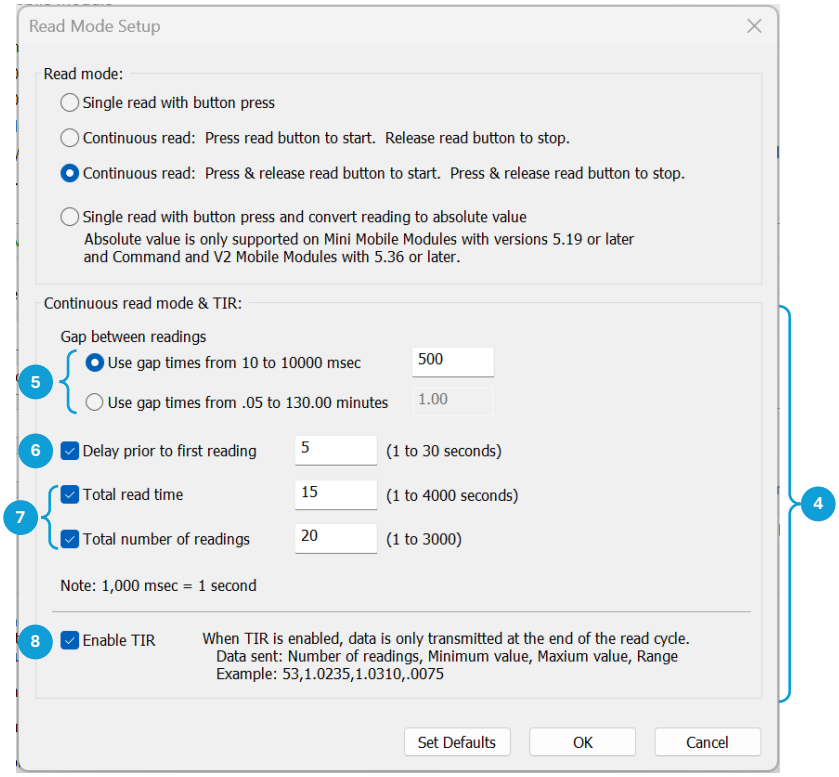


3. Continuous and Absolute Read Mode Setup

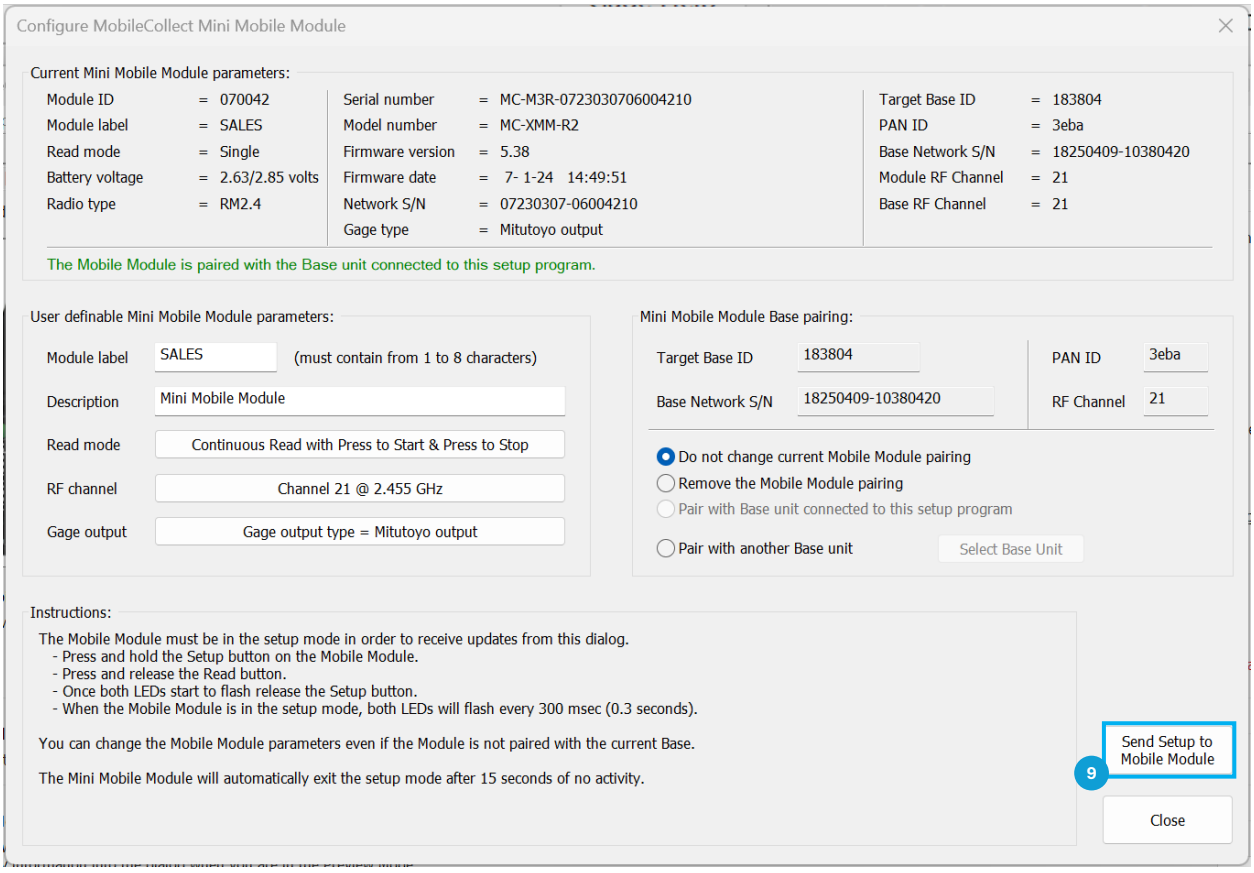
1. Mobile Module Read Mode is set to send a Single Reading with every button press by default.
2. To change to a Continuous Read Mode, select the Desired Continuous Read Mode radio button
3. To change to absolute value mode, select the Absolute Value radio button



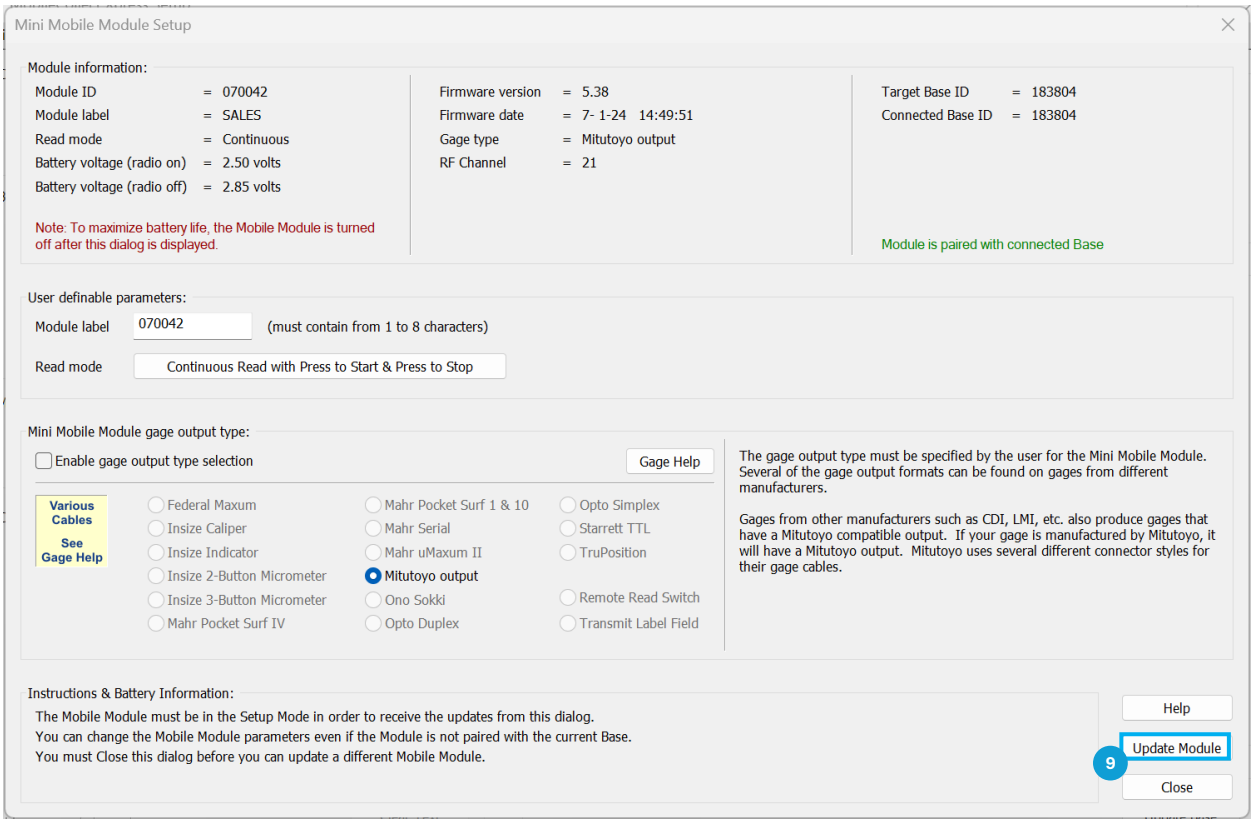
4. When one of the Continuous Read Modes is selected, the lower “Continuous read mode & TIR” section will activate.
5. Time between readings can be set from 10 milliseconds to 130 minutes.
6. A one-time delay can be added. This is useful to prevent unwanted/erroneous initial data. For example, a delay can allow an operator time to setup the fixture before measurements are recorded.
7. Total read time and/or total number of readings can be set to end continuous read mode.
    a. Note: If both parameters are selected, the continuous readings will stop at whichever parameter is met first.
    b. Note: If “Press read button to start. Release read button to stop” mode is select, the read button must be held down until the time or number of readings parameter is met.
8. TIR Mode is a special mode where the Mobile Module will take continuous readings based on the selected parameters. After continuous readings have ended, the Mobile Module will output the Number of readings taken, Minimum Value, Maximum Value, and Range.



9. When completed, click OK to close the "Read Mode Setup" Window. Proceed to update the Mobile Module with the new parameters. Note that you may need to put the Mobile Module Back into Setup Mode to send the new parameters.



Extended Setup



Xpress Setup