

RELEASE NOTES

MicroRAE

Version: V1.14
Release Date: November, 2019

All users are recommended to update their existing MicroRAE instruments with the latest firmware.

What's New?

This new firmware implements changes for better performance of all MicroRAE products (see “**Changes**” and “**Improvements**” sections for details). This release also contains fixes for customer-reported issues (see “**Issue Fixes**” section for details).

Installation and Update Notes

Installation

The MicroRAE communicates with a PC running ProRAE Studio II (**V1.11.8 or greater**) Instrument Configuration and Data Management software to download datalogs, configure the instrument, or upload new firmware.

The MicroRAE must be connected to a PC through the supplied Travel Charger and must be in PC Communications mode.

1. Use the supplied PC Communications Cable (USB to mini-USB cable) to connect the Travel Charger to a PC.
2. Turn on the MicroRAE. Make sure it is running (with the main measurement screen showing).
3. Activate the PC Communications mode on the MicroRAE by pressing [MODE] repeatedly, starting from the main measurement screen, until you reach the “Comm Mode” screen.
4. Press [Y/+]. Measurement and datalogging stop, and the instrument is now ready to communicate with the PC. The display now says “Ready To PC”.
5. Start up the ProRAE Studio II software, enter a password, and detect the instrument following the directions provided in the ProRAE Studio II User’s Guide.
6. Follow the instructions in the ProRAE Studio II User’s Guide to download the datalog, configure the instrument settings, or update the MicroRAE’s firmware.
7. When you are done, press [MODE] to exit the PC communications mode on the MicroRAE.

Note: After upgrading the MicroRAE's firmware, the instrument turns off automatically.

For more information

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Previous Versions

MicroRAE FW v1.12

Issue Fixes

ID	Description
4GL-672	Backlight mode cannot be changed with ProRAE Studio II

Changes

ID	Description
4GL-677	Improving Reflection test on EC sensors

Improvements

ID	Description
	Supports 2 BLE modes : APP Mode / Profile Mode ProRAE Studio II allows customers to switch between the 2 BLE Modes
	Improving GPS work flow (battery running improvement)
	Supports NB-IoT module

Ecosystems compatibility:

ProRAE Guardian v1.14.12 (On Premise)
 v1.14.11 (Cloud) or greater

NOTE: MicroRAE NB-IoT is only supported by PRG on premise

ProRAE Studio II v1.11.8

BLE module FW v1.06
Please refer to BLE Programmer release note on how to upgrade
MicroRAE BLE module FW to v1.06

Device Configuration v2.2
Safety Configuration v2.8

AutoRAE2 Controller v1.36
AutoRAE2 Cradle v1.34