# Honeywell | Gas Detection

## MiniRAE Lite+, MiniRAE 3000+,ppbRAE 3000+,UltraRAE 3000+

Version:               v2.22A
Release Date:          October 2020

All users are recommended to update their existing MiniRAE Lite+, MiniRAE 3000+, ppbRAE 3000+, and UltraRAE 3000+ PID instruments with the latest firmware.

## What's New?

This new firmware implements changes for better performance of all included PID products (see ""**Enhancements**" section for details).

## Installation and Update Notes

### Installation

Uploading new firmware to your instrument requires connecting the instrument and a PC. Follow these steps to make the connection:

1. Connect the data cable to the PC and the cradle.
2. Place the instrument into its cradle. The charging LED should be illuminated.
3. Start the RAEProgrammer 4000 software program on your PC.
4. From RAEProgrammer 4000, select "Operation" and select "Setup Connection."
5. Select the COM port to establish a communication link between the PC and the instrument.
6. Select Operation → Download Firmware.

Once communication is established, follow the instructions that accompany RAEProgrammer 4000 and the firmware to upload the new firmware to your instrument.

### NOTES:

1. Use ProRAE Studio II v1.11.9 or above version for the upgrade procedure.
2. Once the instrument firmware is updated to v2.22A, the instrument cannot be downgraded back to previous FW version.
3. Instrument calibration must be done after performing the firmware upgrade (to v2.22).
4. Use ProRAE Guardian version 1.14.16

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## Previous Versions

**MiniRAE Lite (ATEX)**    **FW v 2.22**

**MiniRAE Lite**    **FW v 2.22**

**MiniRAE3000**    **FW v 2.22**

**ppbRAE3000**    **FW v 2.22**

**UltraRAE3000**    **FW v 2.22**

### Issue Fixes

| ID | Description |
|---|---|
| PID-128 | Instrument revert to Alarm default value instrument exits communication mode |

### Changes

NA

### Ecosystem Compatibility:

ProRAE Studio           v 1.11.9
ProRAE Guardian         v 1.14.16
Device Communicator APP  v 2.3
AutoRAE2                v 1.38
RAElink3                v 2.22