

Firmware & Changelog (Multi Temperature V2)



How do I update the firmware?

Please refer to [Updating Firmware](#) on the page about our Lobar Maintenance Tool.

Firmware Update Downloads

Download:	app-nrf9160-temperature-TZ2-0.2.19+battery-mcuboot-slot0-boot.hex	current version
	app-nrf9160-temperature-TZ2-0.1.3-mcuboot-slot0-boot.hex	last version without NB-IoT support

Changelog

app-nrf9160-temperature

This changelog's format is based on [Keep a Changelog](#), and this project adheres to [Semantic Versioning](#).

0.2.19 - 2022-12-15

Fixed

- RF Switch behavior on LTE join

0.2.18 - 2022-12-14

Fixed

- Confirmation of remote config and firmware updates added

0.2.17 - 2022-12-07

Fixed

- RF Path selection now as expected

0.2.16 - 2022-10-07

Added

- Status Packet now contains Modem Information including battery voltage and temperature

Changed

- Status Packet set to daily at 0h with random minute and second

0.2.15 - 2022-09-26

Optimized

- Now using High Precision Clock for Onewire Communication

Added

- Startup Tests

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0.2.14 - 2022-08-01

Fixed

- Added missing call to adopt temp config in lorawan

0.2.13 - 2022-08-01

Fixed

- NbTrans behaviour
- a case that added an invalid packet to the queue
- a bug leading to system restart when trying to send while all channels are blocked

Optimized

- optimized onewire Timings
- settings for long cables

Added

- A packet containing just a 0 if no sensor was found ## 0.2.1 - 2022-03-22

Changed

- order of config parameters

0.2.0 - 2022-03-22

Added

- nbio upload
- reboot on lost LoRaWAN connection

0.1.3 - 2022-02-18

Fixed

- Increase power on delay after sleep, so sensors have enough time to convert temperature.

0.1.2 - 2202-01-31

Fixed

- Fix reading of testing firmware name (fixes self test *factory*).

0.1.1 - 2022-01-31

Changed

- Revert status message to original port 1 format for backwards compatibility.
- Add Power-On wait between activating sensor power and reading sensor data.

0.1.0 - 2022-01-28

Added

- New firmware created from `app-lorawan-onewire-bridge` and `app-nrf9160-onewire-bridge`.
- LoRaWAN upload only (so far).
- Add RemoteConfiguration, TimeSync, and LostReboot feature.

Changed

- Internal Sensor is now an emulated Sensor with all zero ID that holds the temperature measured inside the nrf. Temperature resolution is down to 1°C. Changes should be compatible with LoRaWAN format used by LoRaWAN-only 1-wire bridge.
- Change status message to new Lobar Unified Status Telegram format (on port 64).



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