How to Get Downlink Commands of Milesight Sensors

Date: 2022-8-22

Description

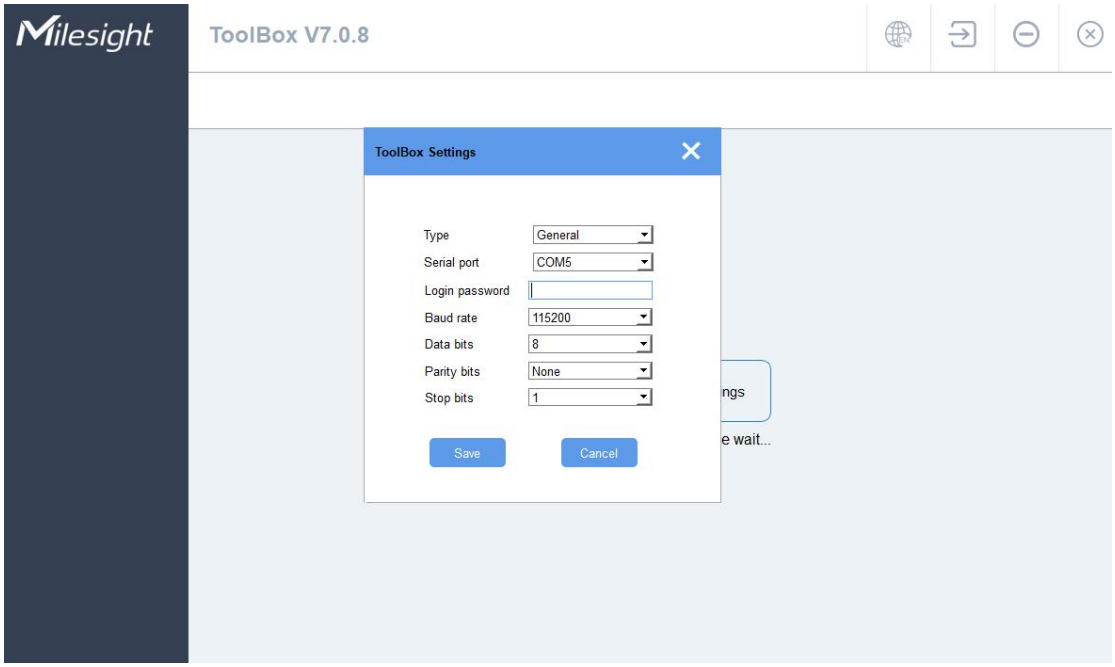
Milesight sensors support to be configured via downlink commands, this article will describe how to get these downlink commands.

Requirement

- Milesight LoRaWAN Sensors
- Toolbox PC APP
- Document compare software: Beyond Compare 4
- Cable: TTL cable or Type-C USB cable.

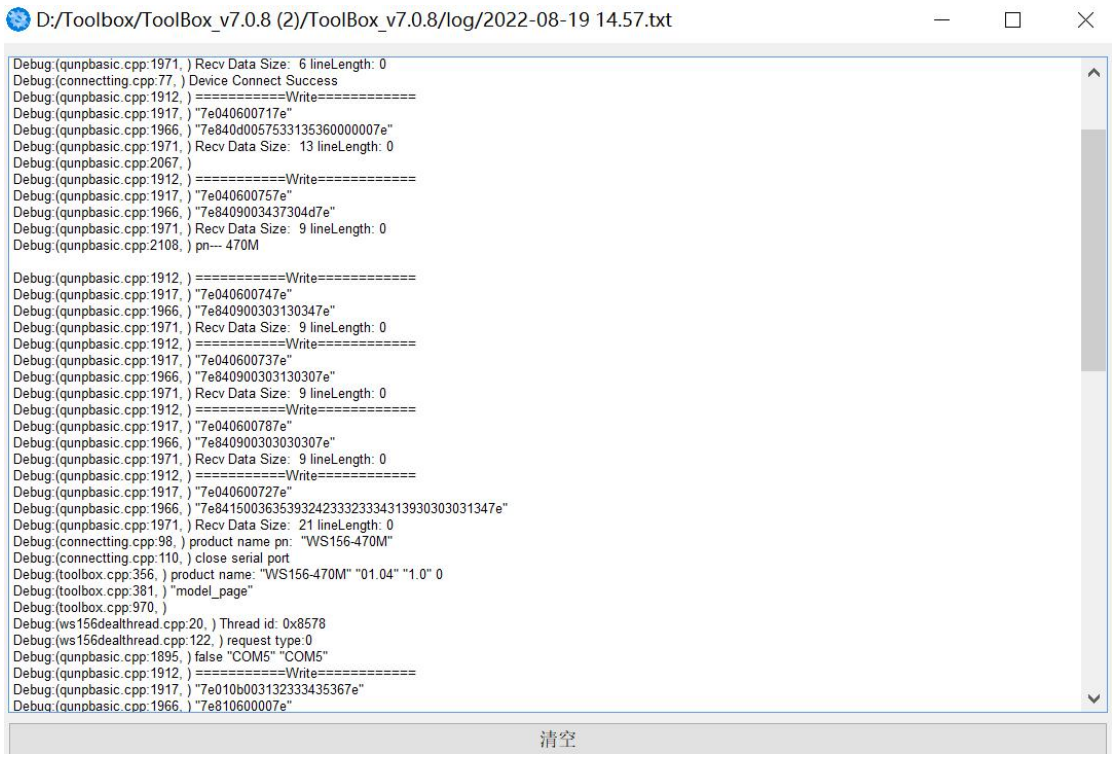
Configuration

1. Connect sensor to PC, then run Toolbox on your PC. The default password is 123456.



2. Click Milesight logo multiple times on the left-up corner to enable debug log.

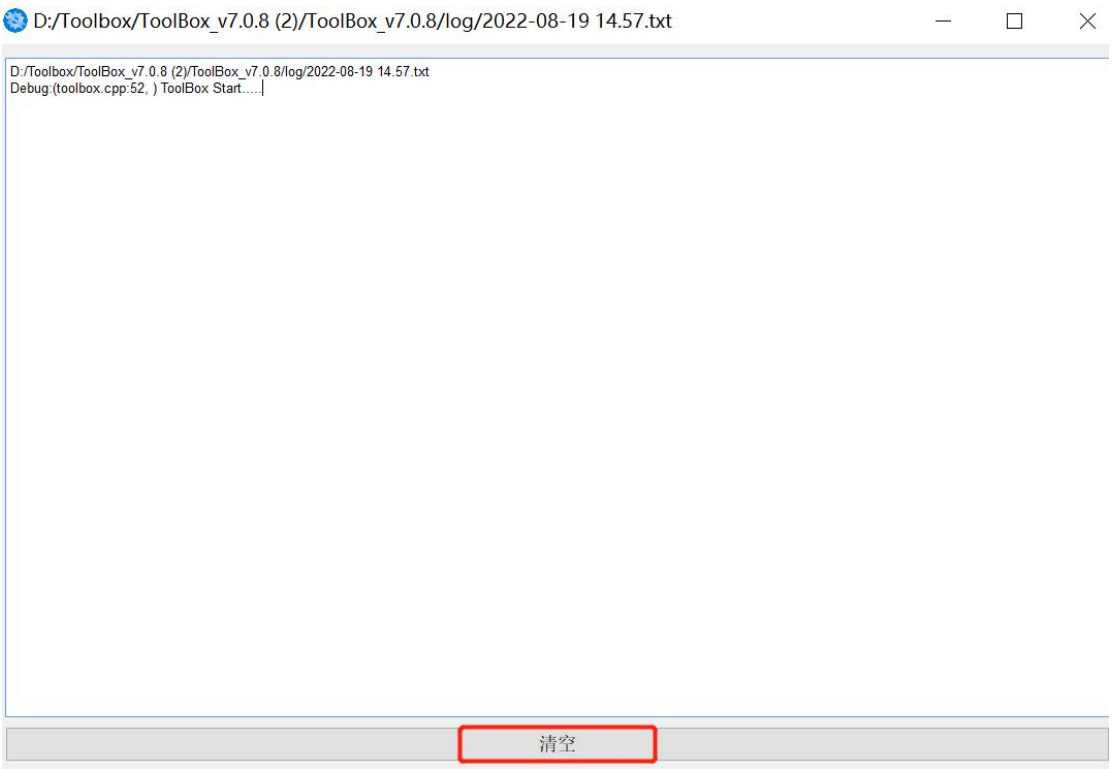
3. All commands will be shown on the txt file, as shown:



How to confirm specific command

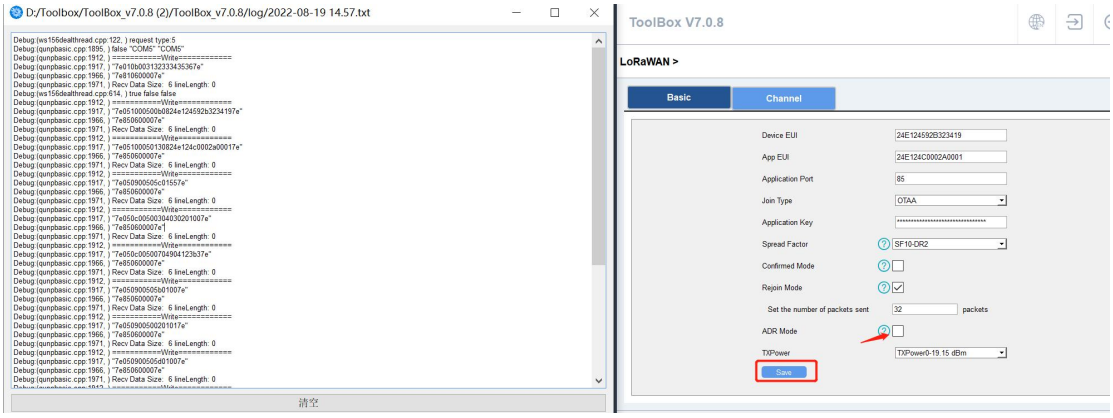
If you want to distinguish the specific command, please refer the following steps:

1. Click the bottom button to clear the log.



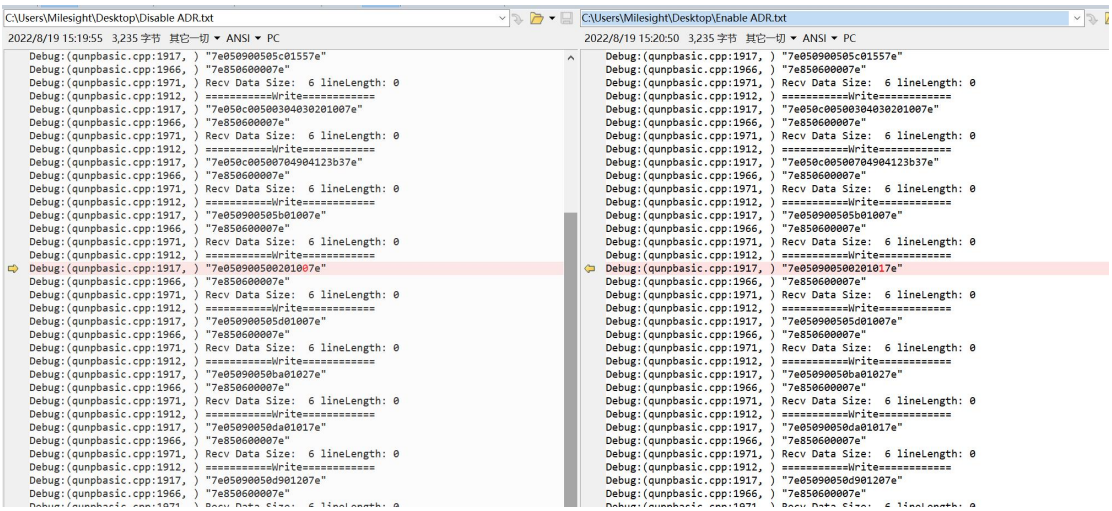
2. Modify the corresponding configuration on Toolbox, then **save** the log as a txt file. Set disable/enable ADR mode as example.

(1) Disable ADR and click Save, then save the log as a new txt file.



(2) Enable ADR mode and repeat Step (1).

3. Compare the two txt files, find the different command. You can click here to download **Beyond Compare** software and drag both files to it to find the differences easily.



Disable ADR: 7e050900500201007e

Enable ADR: 7e050900500201017e

4. It is recommended to send the command from gateway to sensor for double check. If it works, it means the command is correct.

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