

# RIDEOLOGY KX APP

## Manual



 **Bluetooth®**



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# Hardware Introduction

Product Name: V.Dialogue-XCP

Model Name: V.Dialogue-XCP001

Size:

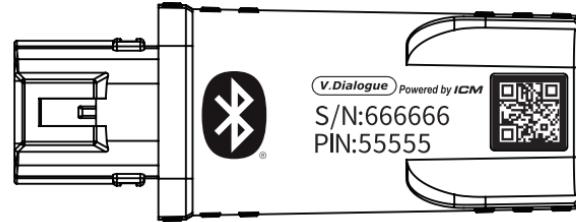
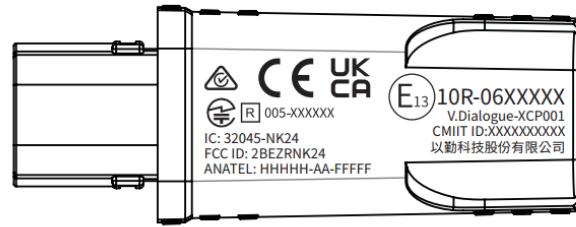
L: 74.24 mm W: 28.56 mm H: 24.0 mm

Weight: 24.6 ± 2g

Technology parameters:

- Input voltage: 10V~16V DC
- Operation Current: 50mA~150 mA
- Operation temperature: -40 °C~ +85 °C
- Frequency Range: 2400-2500 MHz

Water resistance



# Hardware Introduction

## FCC Statement:

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

# Hardware Introduction

## IC Statement:

This device contains licence-exempt transmitter(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference,
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

L'émetteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

- (1) L'appareil ne doit pas produire de brouillage;
- (2) L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and a human body.

Cet équipement est conforme aux limites d'exposition aux rayonnements ISED établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec une distance minimale de 20 cm entre le radiateur et un corps humain.

# About APP

Calibration tool for Kawasaki Motorcycle

- Version: 1.1.4
- Permissions: Bluetooth. Mobile internet connection
- Platform requirements :
  - ▲iOS minimum version requirements :  
iOS15.0 and above.  
Can be used on iPhone, iPod touch.
  - ▲Android minimum version requirements: 8.1 and above

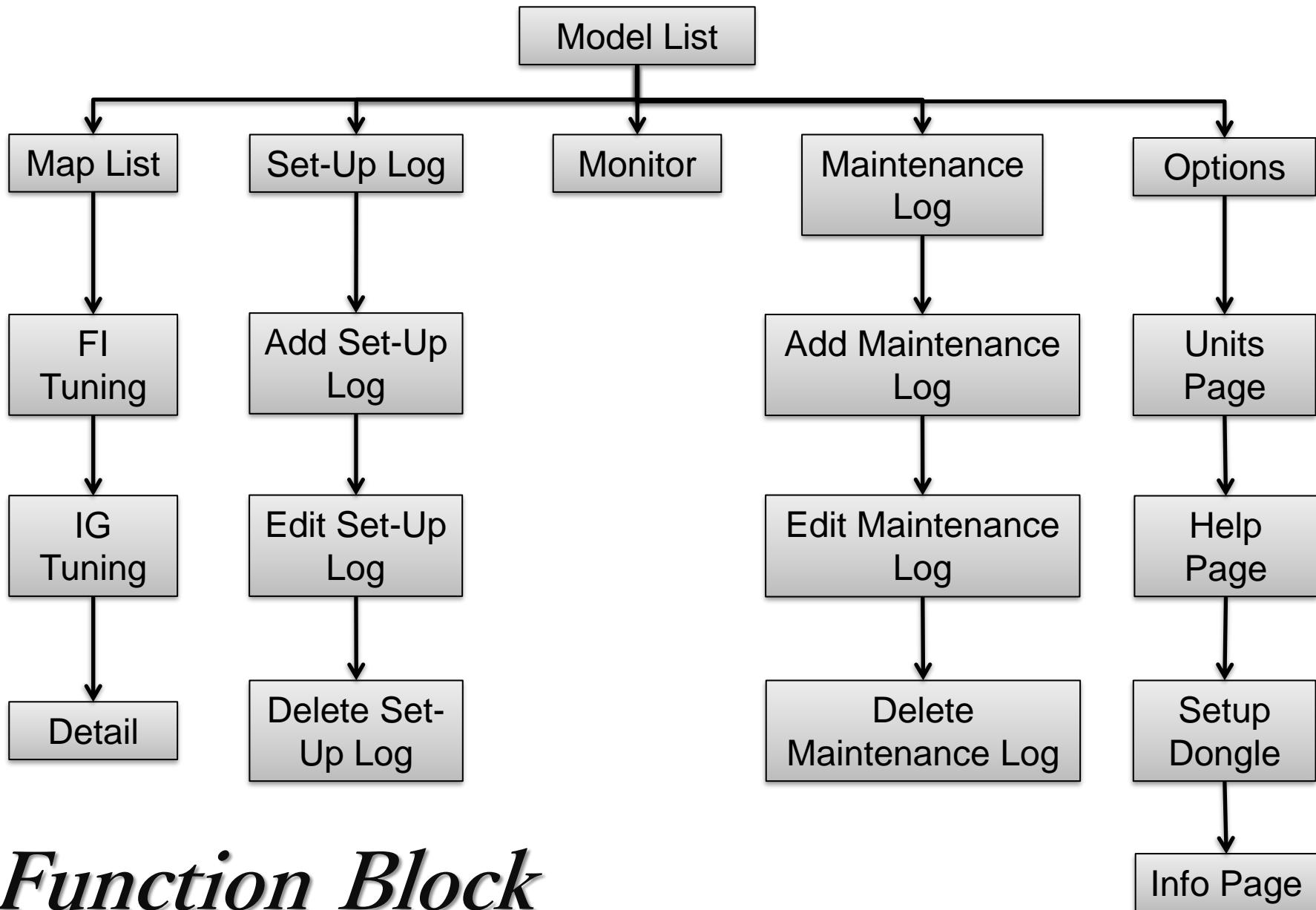
# Connection between HW and App

- 1) Plug the interface into vehicle.
- 2) Start the app, open the Bluetooth and setting dongle.

# Application Function Overview

- Adjust and record vehicle detail
- Add a Map
  - Tuning FI/IG
- Add a Log
  - Edit the Log
- Use Monitor to check current value of vehicle
- Add maintenance Log
  - Edit the Log

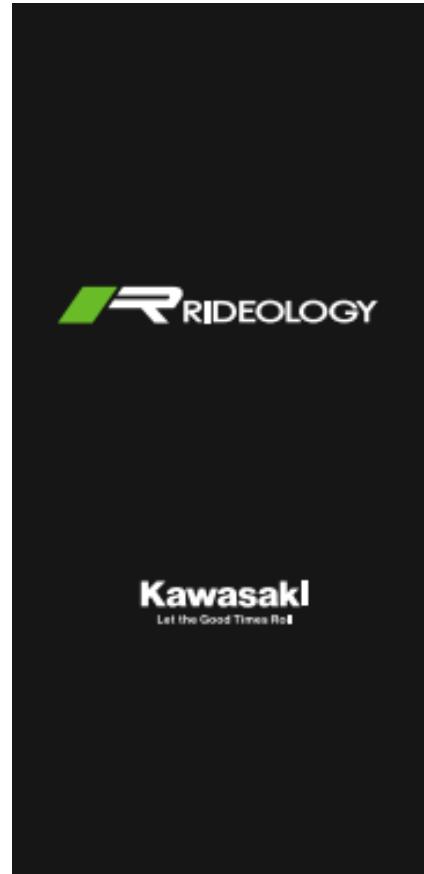




# *Function Block*

# Function List

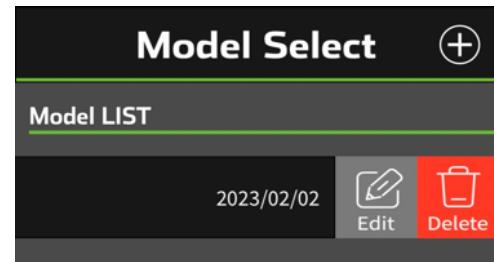
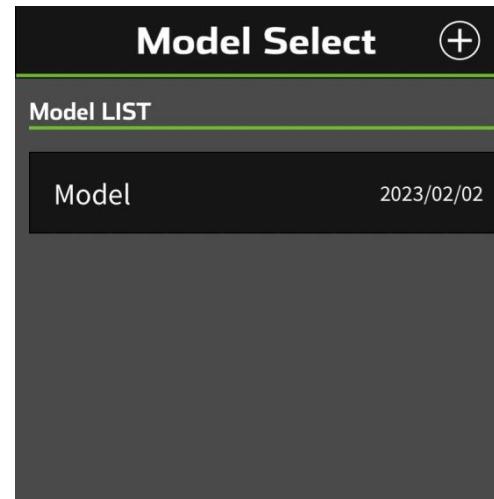
- ① Model List
- ② Tuning FI/IG
- ③ Set-Up Log
- ④ Monitor
- ⑤ Maintenance Log
- ⑥ Options



# ① Model List

Function description:

- Add model
- Edit model detail  
(name, model, year)
- Delete model



# ② Tuning FI/IG

Function description:

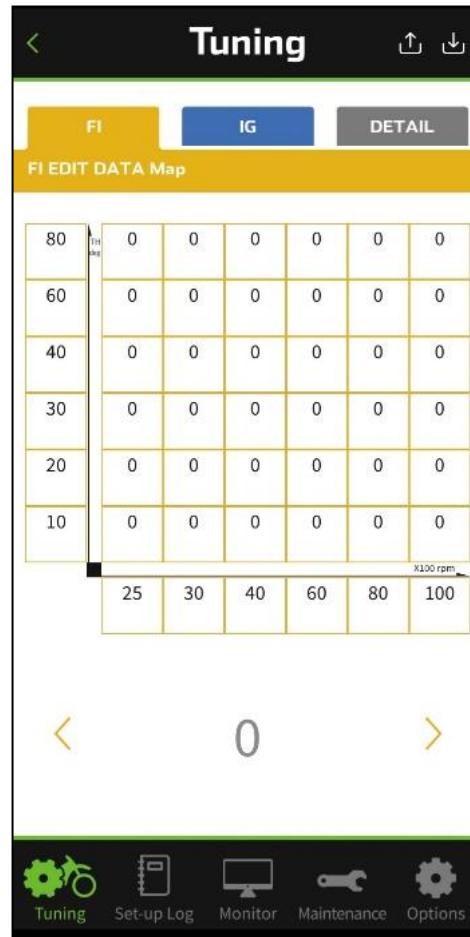
- Add Map
- Copy Map
- Delete Map



# ② Tuning FI/IG

Function description:

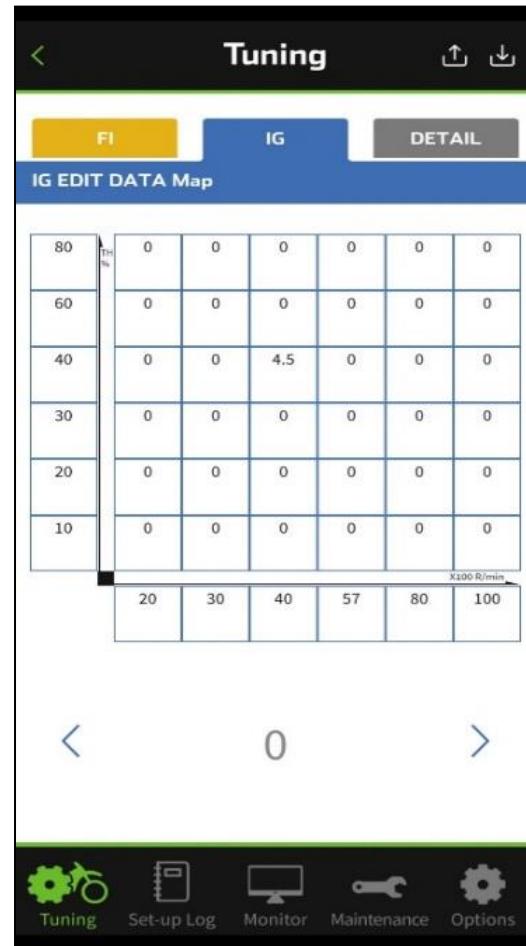
- Setting FI value
- Setting FI grid value (TH.RPM)
- Send value data to vehicle
- Read value data from vehicle



# ② Tuning FI/IG

Function description:

- Setting IG value
- Setting IG grid value (TH.RPM)
- Send value data to vehicle
- Read value data from vehicle



# ② Tuning FI/IG

Function description:

- Edit the detail of MAP



The screenshot shows a mobile application interface titled "Tuning". At the top, there is a navigation bar with a back arrow and the word "Tuning". Below the navigation bar, there is a horizontal bar with three buttons: "FI" (yellow), "IG" (blue), and "DETAIL" (grey). The "DETAIL" button is currently selected. The main area of the screen is titled "DETAIL" and contains three input fields: "Name" with the value "123", "Last Sent Mode Time" with the value "2023/07/10", and "Notes" with the value "123".

# ③Set-Up Log

Function description:

- Add Log
- Copy Log
- Delete Log



# ③Set-Up Log

Function description: edit the detail of Log

**Set-up-Log**

**Detail**

Name: Set-up Log(1)  
Date:

**TRACK**

Track/Event  
Track Condition  
Weather  
Air Temperature  
Air Pressure

**SET-UP**

Map Name

**Tuning** **Set-up Log** **Monitor** **Maintenance** **Options**

**Set-up-Log**

**SET-UP**

Map Name  
Tire Model Fr  
Tire Model Rr  
Tire Pressure Fr  
Tire Pressure Rr  
Rr Ride Height(Sag)  
Rr Comp.  
Rr Rebound  
Rr Spring Rate  
Fr Fork Height  
Fr Comp.  
Fr Rebound  
Fr Oil Volume  
Fr Spring Rate

**Tuning** **Set-up Log** **Monitor** **Maintenance** **Options**

**Set-up-Log**

Rr Ride Height(Sag)  
Rr Comp.  
Rr Rebound  
Rr Spring Rate  
Fr Fork Height  
Fr Comp.  
Fr Rebound  
Fr Oil Volume  
Fr Spring Rate

**NOTE**

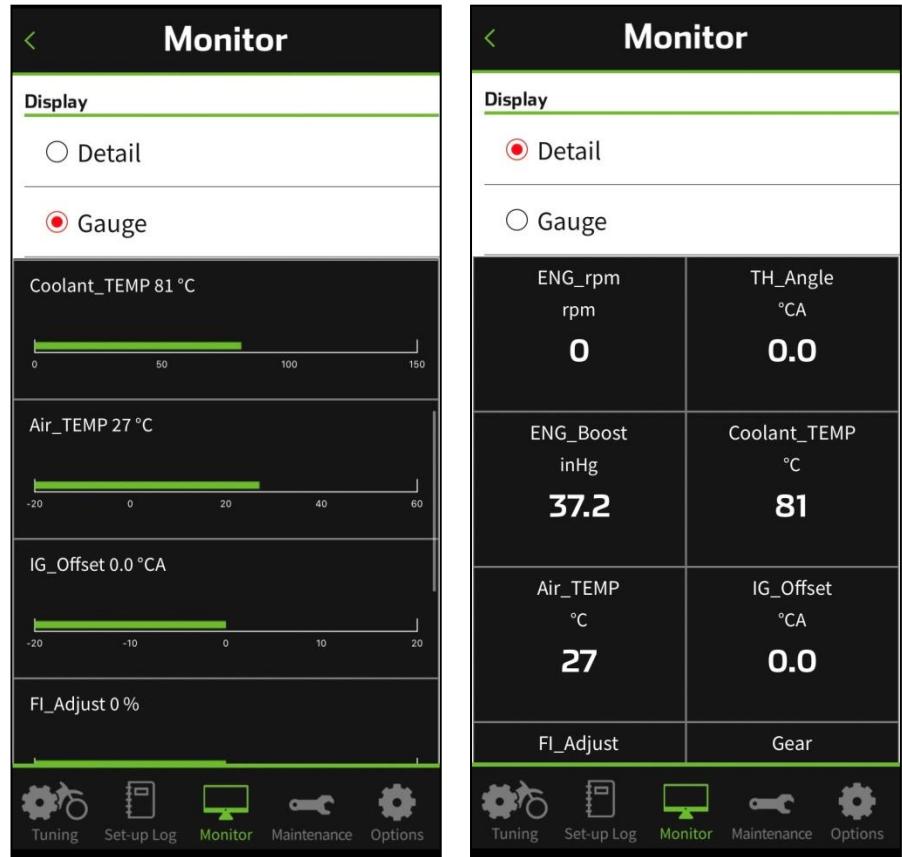
Note

**Tuning** **Set-up Log** **Monitor** **Maintenance** **Options**

# ④ Monitor

## Function description:

- Check the current value of vehicle



# ⑤ Maintenance Log

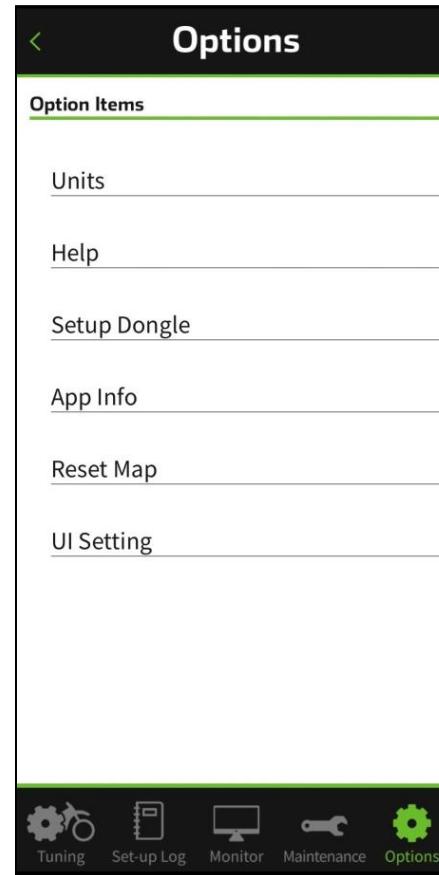
Function description:

- Add Log
- Copy Log
- Delete Log
- Edit the detail of Log

The image shows a software interface for managing maintenance logs. The top part is a list view titled 'Maintenance Log LIST' with two entries: 'Maintenance Log(2)' and 'Maintenance Log(1)'. Each entry includes a date (2024/01/10) and a set of actions: 'Copy' (blue icon) and 'Delete' (red icon). The bottom part is a detailed view titled 'Detail' for 'Maintenance Log-1'. It contains three input fields: 'Name' (Maintenance Log-1), 'Date' (2023-07-10), and 'Note' (123). At the bottom of the screen is a navigation bar with icons for Tuning, Set-up Log, Monitor, Maintenance (which is highlighted in green), and Options.

# ⑥ Options

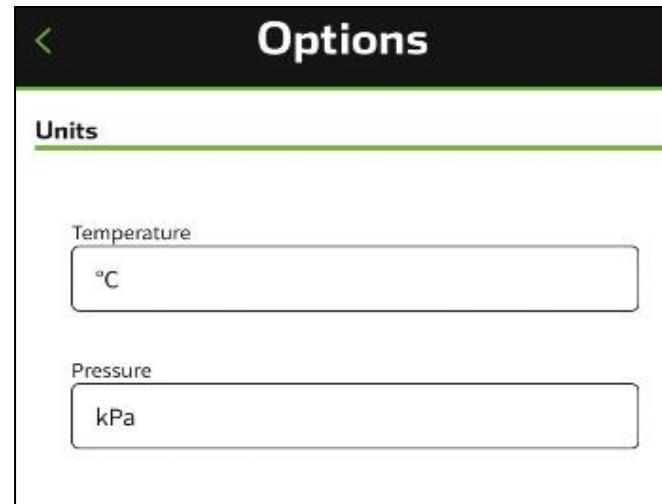
- Units page
- Help page
- Setup Dongle
- Info page
- Reset Map
- UI Setting



# ⑥ Options

Units page description:

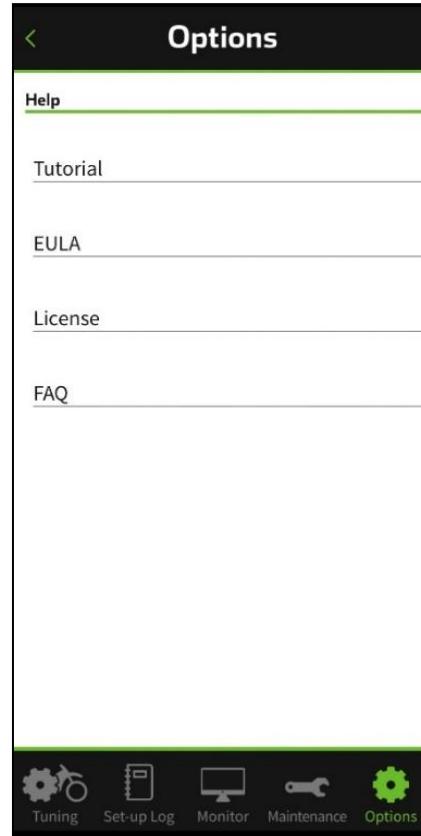
- Edit the temperature of unit
- Edit the pressure of unit



# ⑥ Options

Help page description:

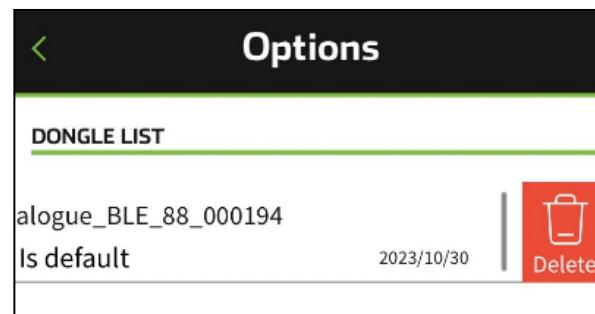
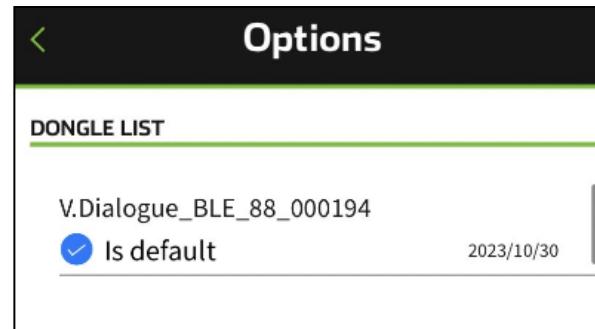
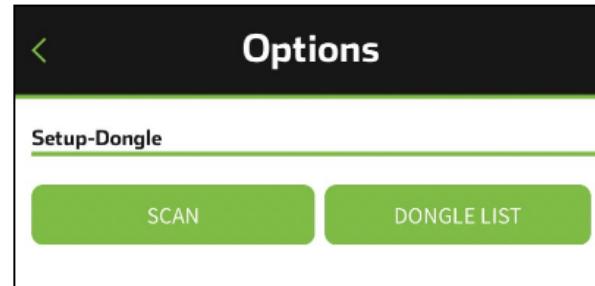
- Tutorial page
- EULA page
- License page
- FAQ page



# ⑥ Options

Setup Dongle page description:

- Setting a Dongle to connect
- Setting a dongle as default
- Delete a dongle

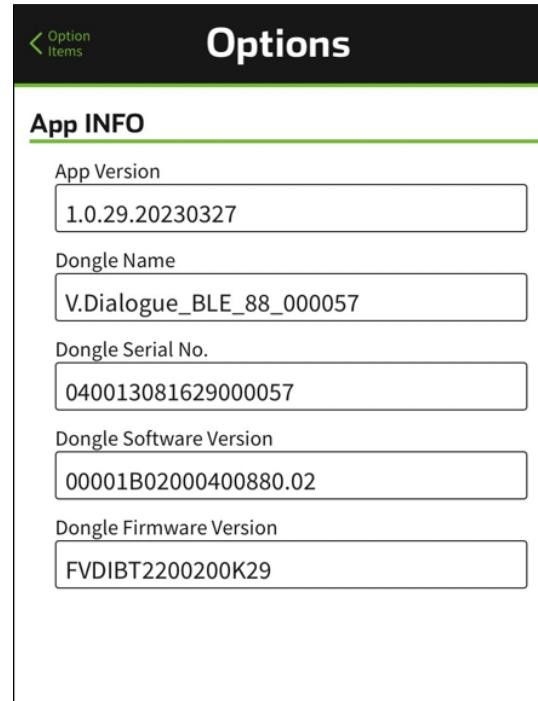


# ⑥ Options

Info page description:

Show the version detail as  
below

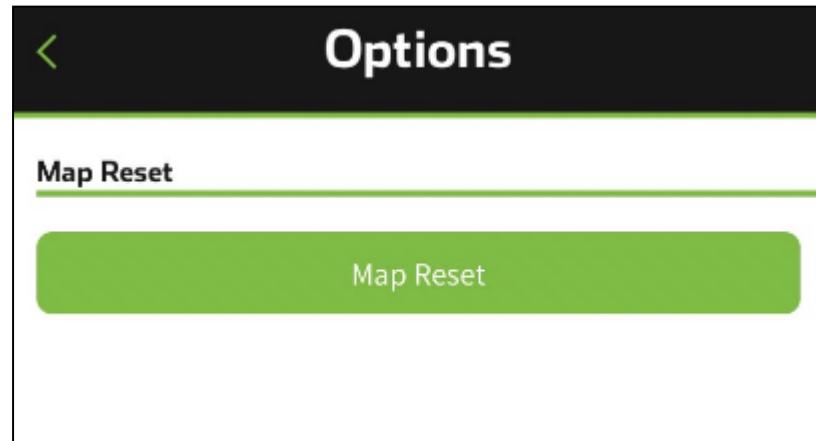
- App Version
- Dongle Name
- Dongle Serial No.
- Dongle Software Version
- Dongle firmware Version



# ⑥ Options

Reset Map page  
description:

- Resetting the map



# ⑥ Options

UI Setting page  
description:

- Setting the font size

