

RIDEOLOGY KX APP

Manual



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Hardware Introduction

Product Name: V.Dialogue-XCP

Model Name: V.Dialogue-XCP001

Size:

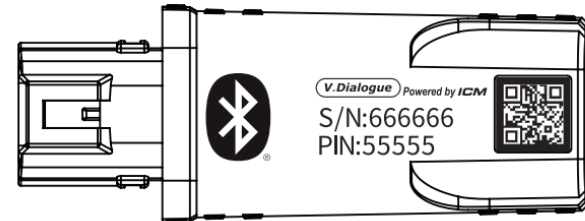
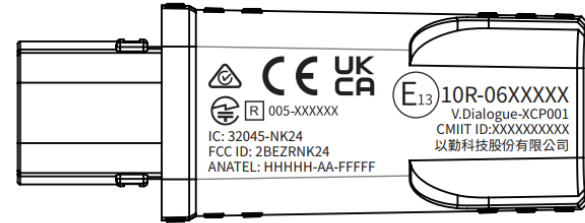
L: 74.24 mm W: 28.56 mm H: 24.0 mm

Weight: $24.6 \pm 2\text{g}$

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

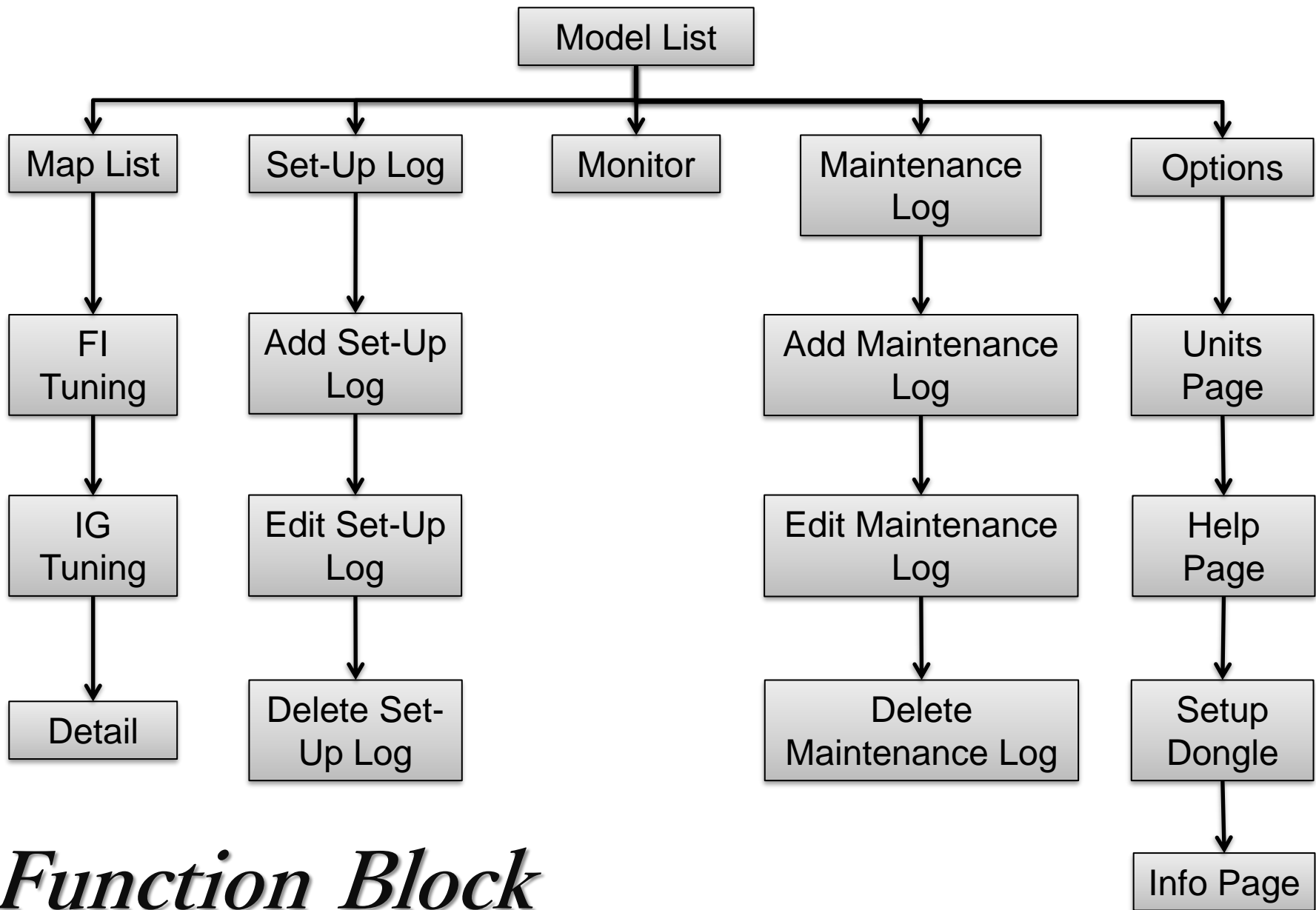
- Version: 1.1.4
- Permissions: Bluetooth. Mobile internet connection
- Platform requirements :
 - ▲iOS minimum version requirements :
iOS15.0 and above.
Can be used on iPhone, iPod touch.
 - ▲Android minimum version requirements: 8.1 and above

Connection between HW and App

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

Application Function Overview

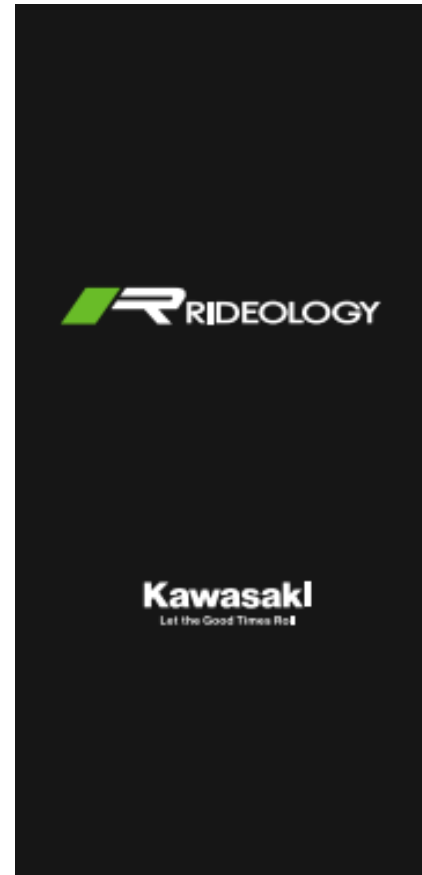
- Adjust and record vehicle detail
- Add a Map
 - Tuning FI/IG
- Add a Log
 - Edit the Log
- Use Monitor to check current value of vehicle
- Add maintenance Log
 - Edit the Log



Function Block

Function List

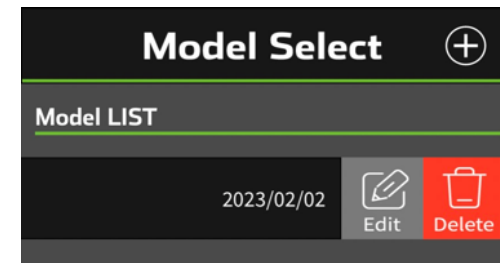
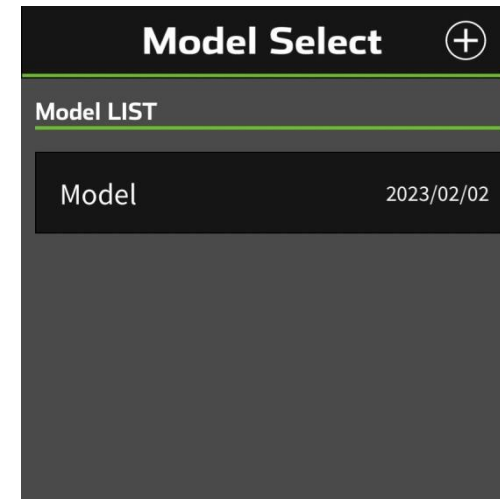
- ① Model List
- ② Tuning FI/IG
- ③ Set-Up Log
- ④ Monitor
- ⑤ Maintenance Log
- ⑥ Options



① Model List

Function description:

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



②Tuning FI/IG

Function description:

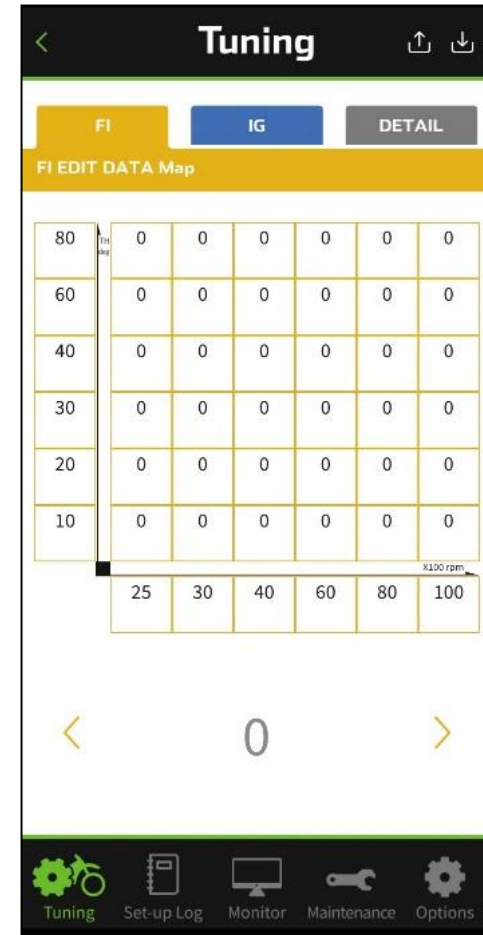
- Add Map
- Copy Map
- Delete Map



②Tuning FI/IG

Function description:

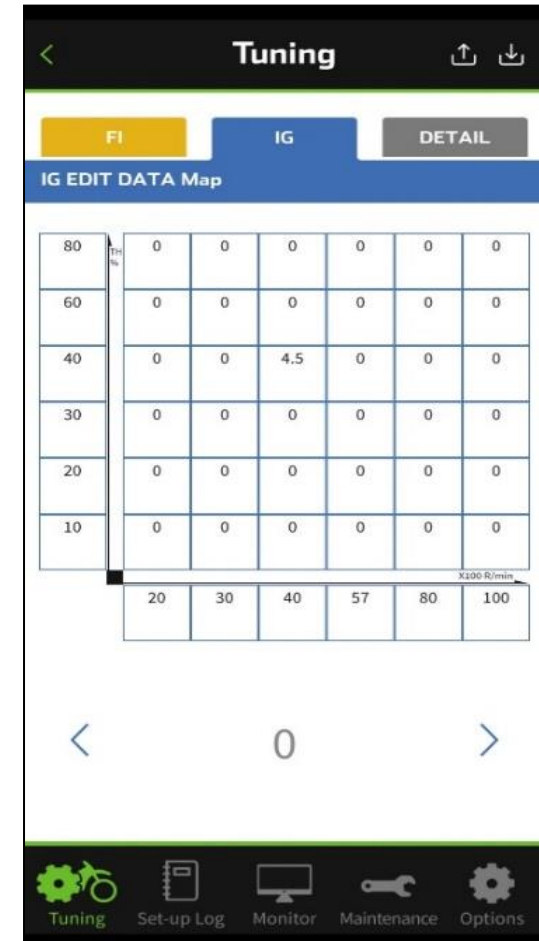
- Setting FI value
- Setting FI grid value (TH.RPM)
- Send value data to vehicle
- Read value data from vehicle



②Tuning 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

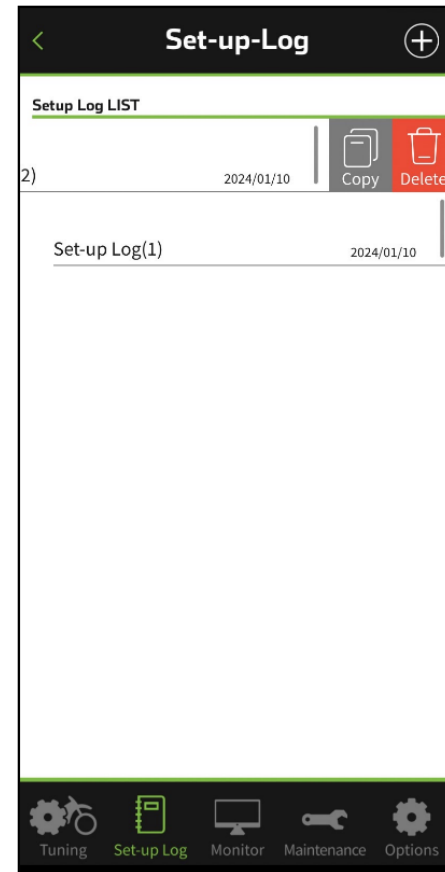


The screenshot displays a mobile application interface for tuning FI/IG. At the top, there is a black header bar with a green back arrow on the left and the title "Tuning" in white. Below the header, there are three tabs: "FI" (yellow), "IG" (blue), and "DETAIL" (grey). The "DETAIL" tab is currently selected. Below the tabs, there is a grey bar with the word "DETAIL" in white. The main content area 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



③ Set-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.

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

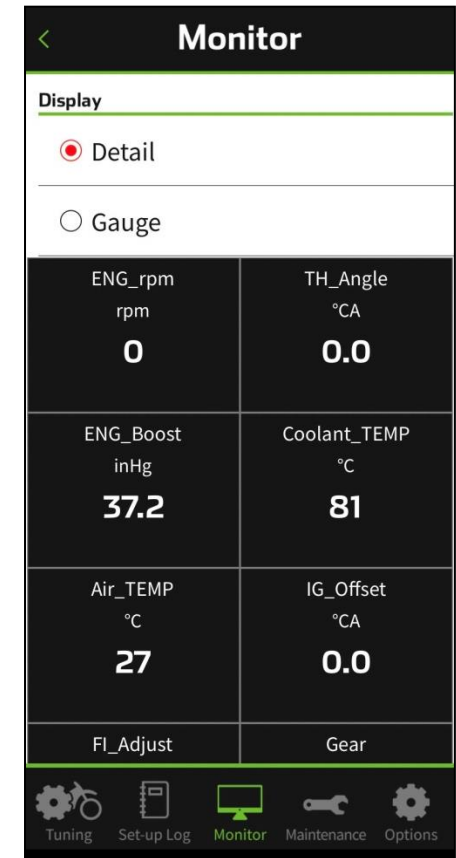
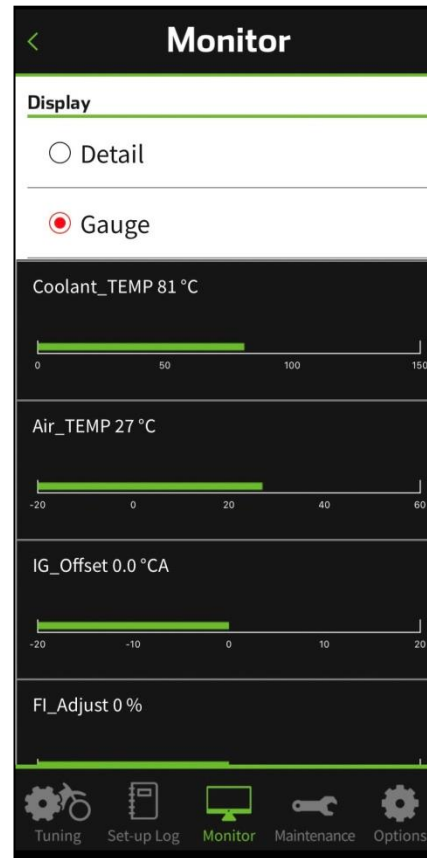
Note

Tuning Set-up Log Monitor Maintenance Options

④ Monitor

Function description:

- Check the current value of vehicle



⑤ Maintenance Log

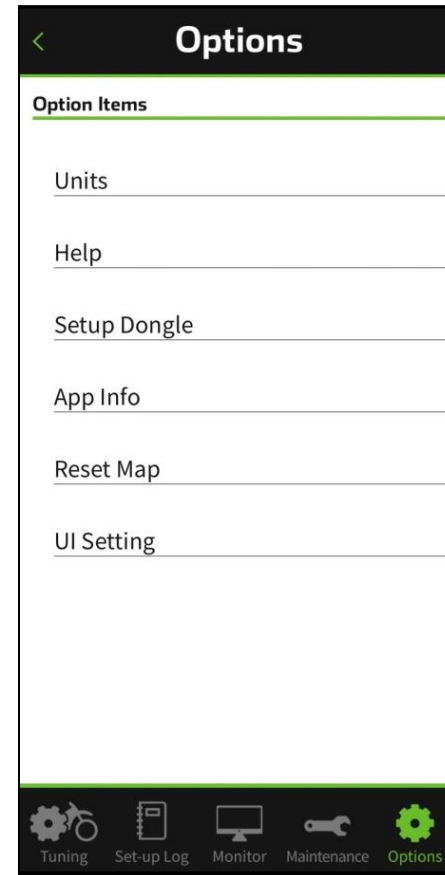
Function description:

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

The screenshot displays the 'Maintenance' application interface. The top bar is black with a back arrow, the title 'Maintenance', and a plus icon. Below the bar, the 'Maintenance Log LIST' section shows a table with two entries: 'Maintenance Log(2)' dated '2024/01/10' and 'Maintenance Log(1)' dated '2024/01/10'. To the right of the table are 'Copy' and 'Delete' icons. A modal window titled 'Maintenance' is open, showing the 'Detail' view for 'Maintenance Log-1'. It contains three input fields: 'Name' (Maintenance Log-1), 'Date' (2023-07-10), and 'Note' (123). The bottom navigation bar includes icons for 'Tuning', 'Set-up Log', 'Monitor', 'Maintenance' (highlighted in green), and 'Options'.

⑥ Options

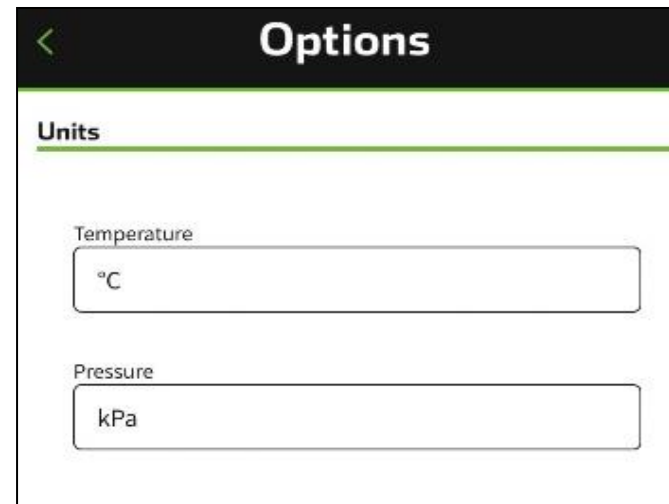
- Units page
- Help page
- Setup Dongle
- Info page
- Reset Map
- UI Setting



⑥ Options

Units page description:

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

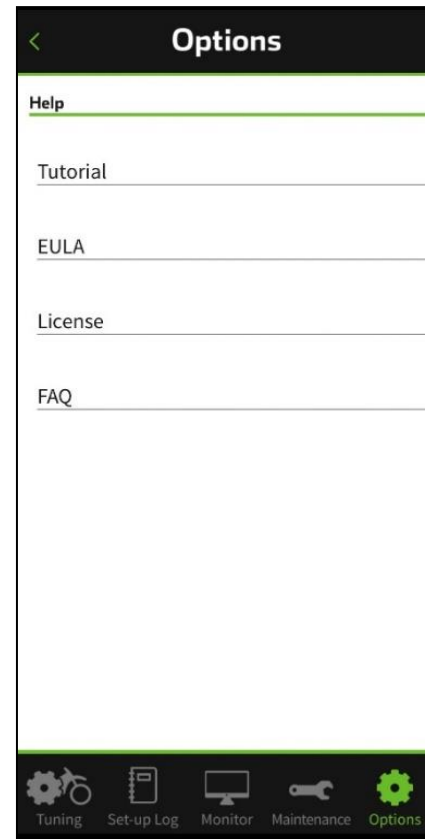


The screenshot shows a mobile application interface with a black header bar containing a green back arrow and the title 'Options'. Below the header, a green horizontal line separates the title from the content. The word 'Units' is displayed in bold. There are two input fields: the first is labeled 'Temperature' and contains the text '°C'; the second is labeled 'Pressure' and contains the text 'kPa'.

⑥ Options

Help page description:

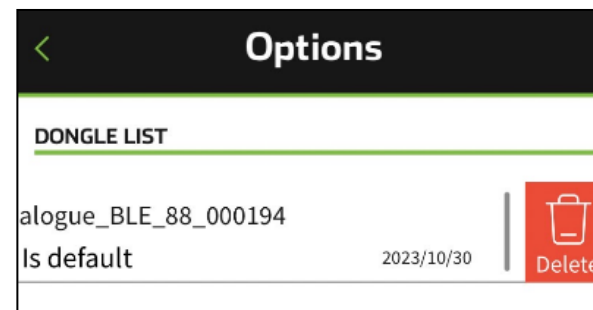
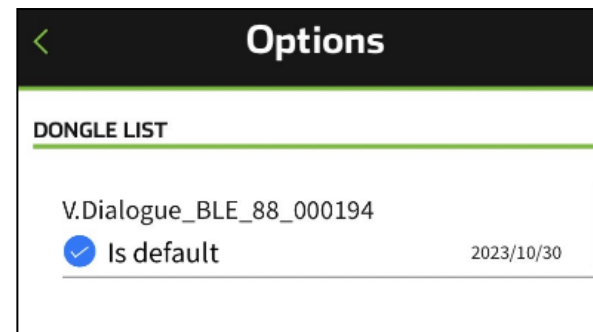
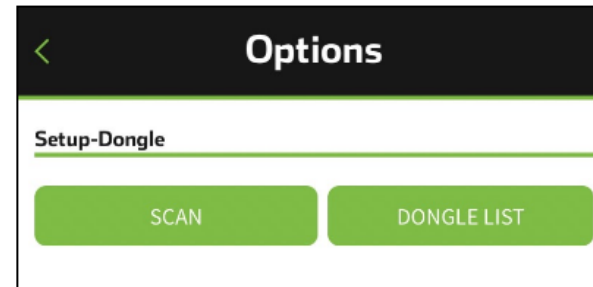
- Tutorial page
- EULA page
- License page
- FAQ page



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



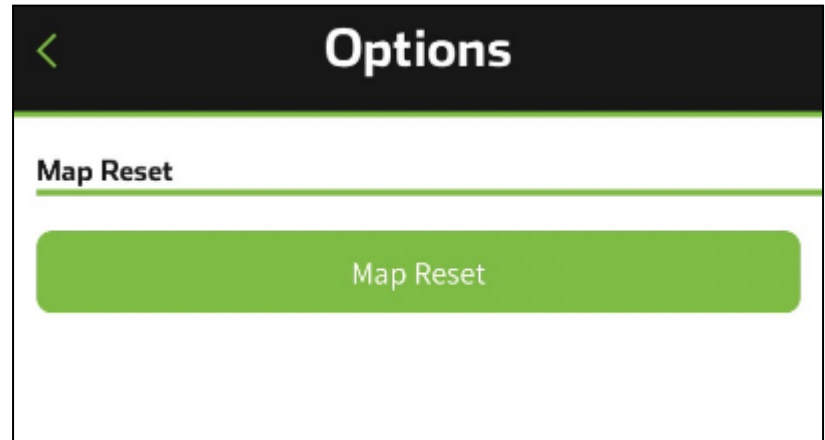
The screenshot shows a mobile application interface with a dark header bar. On the left of the header is a green back arrow and the text 'Option Items'. On the right is the title 'Options' in white. Below the header is a section titled 'App INFO' in bold, underlined with a green line. This section contains five rows, each with a label and a text input field:

Label	Value
App Version	1.0.29.20230327
Dongle Name	V.Dialogue_BLE_88_000057
Dongle Serial No.	040013081629000057
Dongle Software Version	00001B02000400880.02
Dongle Firmware Version	FVDIBT2200200K29

⑥ Options

Reset Map page description:

- Resetting the map



⑥ Options

UI Setting page description:

- Setting the font size

The left screenshot shows the 'Sample' UI setting page. It features a 6x7 grid of input fields, each containing the value '10.5'. A small 'THz' label is positioned to the right of the first column. Below the grid, there is a row of six input fields, also containing '10.5', with a 'X100 rpm' label to their right. At the bottom, there are navigation arrows and the text '+10.5' displayed twice. A '80%' font size selection button is located at the bottom center.

The right screenshot shows the 'Sample' UI setting page with a 'Scale Select' dialog box open. The dialog box lists font size options: 60%, 70%, 80% (selected), 90%, and 100%. Below the list are 'Cancel' and 'OK' buttons. The '80%' font size selection button is visible at the bottom of the screen.