

Intelligent Terminal

DA35D1C10F

**Series**  
**User Manual**

Sailvan Times Co., Ltd.

# 1.Product Appearance



Overall dimensions: 119 x 66.5 x 22 mm

## 2.Product Specifications

| Product Model                  | DC35 Series            |
|--------------------------------|------------------------|
| Button Model                   | TK5                    |
| Screen Size                    | 3.5" Color IPS         |
| Screen Resolution              | 800 * 480px            |
| Wireless Transmission Protocol | Bluetooth 5.0          |
| USB                            | Type-C, 5V 1A          |
| Waterproof Rating              | IP67                   |
| Compatible Battery Voltage     | 24V/36V/48V/52V/60V DC |
| Operating Temperature          | -20~+70℃               |
| Operating Humidity             | 15~95%RH               |
| Storage Temperature            | -30~+80℃               |
| Storage Humidity               | 30~70%RH               |
| Housing Material               | PC                     |

## 3.Function Introduction

### 3.1. Standard Functions

Real-time speed, maximum speed, average speed

Real-time motor power

Battery level

Assist level

Total mileage, Trip mileage

Trip time

Calorie consumption

Headlight indicator

Metric/Imperial unit switch

Fault codes

Auto headlight, backlight adjustment, auto backlight

Auto shutdown time

USB port (5V/1A)

## 3.2. Main Interface



1. Time
2. Bluetooth connection indicator
3. Fault alarm
4. Headlight status
5. Assist level
6. Speed unit
7. Battery level
8. Real-time speed
9. Power bar

## 3.3. Button Description

1. "Power" button
2. "+" button
3. "-" button
4. "i" button

5. "Light" button



Operation Instructions:

Power On: Press and hold the "Power" button for 3 seconds

Power Off: Press and hold the "Power" button for 3 seconds

Headlight On/Off: Press and hold the "Light" button for 2 seconds

Switch Assist Level: Press the "+" button briefly to increase the assist level; press the "-" button briefly to decrease the assist level;

Press and hold the "-" button to activate boost mode, release the "-" button to exit boost mode.

Light Switching: Press and hold the "Light" button to turn lights on or off, default is low beam

When lights are on, press the "Light" button briefly to switch between low beam and high beam

### 3.4. Data Display Switching

In the riding interface, press the "i" button briefly to switch between different data displays;

Data Display 1: Average speed, maximum speed, calories, average power

Data Display 2: Trip mileage, total mileage, ride duration, remaining range



### 3.5. Menu Functions

Switch Display Units:

Can switch between metric and imperial units for speed and mileage.



Clear Mileage:

Can clear Trip mileage, Trip time, maximum speed, average speed.



Set Backlight Brightness:

Can adjust the screen brightness of the instrument, adjustment range 1-5 and Auto.

5 is the brightest, Auto will automatically adjust the screen brightness based on the surrounding light.



Auto Shutdown Time:

Can set the auto shutdown time of the instrument, setting range 1-99 and OFF, when set to OFF, auto shutdown will be disabled



Auto Headlight:

Can set whether to enable the automatic headlight mode, when set to "ON", it will automatically turn the headlight on or off based on the surrounding light. Select "OFF" to disable the automatic headlight mode



Speed Limit Adjustment:

Can adjust the maximum speed of the vehicle;

For your safety, please do not exceed the local legal speed limit.



Set Real-Time Clock:

Can set the display time of the instrument, upon entering the settings, it defaults to modifying the hour, setting order is hour-minute



Set Power-On Password:

Can set whether to enable the power-on password verification and modify the power-on password.



Set Bluetooth Connection:

For first-time use of the vehicle, you need to scan the QR code here via the VANPOWERS APP to bind. App download QR code



## 4. Common Fault Codes

| Fault Code | Meaning                             |
|------------|-------------------------------------|
| 1          | MOSFET short circuit<br>overcurrent |
| 2          | Overvoltage                         |

|    |                                       |
|----|---------------------------------------|
| 3  | Undervoltage                          |
| 8  | Wheel speed sensor<br>abnormality     |
| 9  | Motor temperature too high            |
| 0A | Motor stall                           |
| OC | Brake handle abnormality              |
| OD | Throttle handle abnormality           |
| OE | Torque abnormality                    |
| OF | Motor magnetic encoder<br>abnormality |

## 5. Notes

1. Please ensure the power is turned off before installing or removing the instrument, otherwise it may cause permanent damage to the instrument;
2. When installing the instrument, ensure the screw torque is around 0.5Nm (not exceeding 0.6Nm), excessive torque may damage the instrument structure;
3. Do not submerge the instrument in water;
4. When cleaning the instrument, use a soft cloth dampened with water to wipe the surface, do not use any cleaning agents;

5. Do not use the USB charging function during rain, and ensure the USB port cover is closed;
6. When disposing of the instrument, please comply with local laws and regulations, and dispose of or recycle it in an environmentally friendly manner, do not discard the instrument or any accessories as household waste;
7. Damage caused by improper installation or use is not covered under the warranty.

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

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.

**Specific Absorption Rate (SAR) information:**

This product meets the government's requirements for exposure to radio waves. The guidelines are based on standards that were developed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The standards include a substantial safety margin designed to assure the safety of all persons regardless of age or health.

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