一、 Size and materia (unit: mm)

The display shell is made of ABS and metal material, the LED screen is made of toughtened glass.

31.8mm The clamp has 22.2mm, 25.4mm, 28.6mm to be
二、 Working voltage and method of connecting the line
1、Working Voltage: DC24V、36V、48V、60V、64V（Can be set by display），
Other voltage can be customized
2、Method of connecting the line: 接线方式:
Standard connector sequence

<table>
<thead>
<tr>
<th>Standard plug-in line sequence</th>
<th>color</th>
<th>function</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>red（VCC）</td>
<td>Display power line</td>
</tr>
<tr>
<td>2</td>
<td>green（RX）</td>
<td>Display data receiving line</td>
</tr>
<tr>
<td>3</td>
<td>black（GND）</td>
<td>Display ground line</td>
</tr>
<tr>
<td>4</td>
<td>orange（K）</td>
<td>Controller Controlling line</td>
</tr>
<tr>
<td>5</td>
<td>yelloW（TX）</td>
<td>Display data sending line</td>
</tr>
<tr>
<td>6</td>
<td>white（DD）</td>
<td>Light controlling line</td>
</tr>
</tbody>
</table>

Attention: The leads are water-proof connectors so that the user can not see the color of the leads in the harness

三、Function
1、Display function
   Speed display，PAS display，power display，power indication，fault indication，
total mileage，single mileage，headlamp display，single travel time display

2. Control and setting fuction
   Power turn on/off control，front light control，6Km/h control，wheel size setting，max speed setting，automatic sleep time setting，backlight brightness setting，voltage level setting
Contents introduction for home page

- **Light**
- **Speed**
- **Power**
- **Mileage type**
- **Mileage number**

**Error alarm:**
- Under voltage
- Brake hint
- Motor problem
- Accelerator problem
- Controller problem
- Communication problem

**Status hint Icons:**
- USB charging hint
- Cruise engaging

Setting page introduction
Normal Options
Brightness 2 (From 1-3)
Metric system KM
(KIMIHIDE system switching)
Voltage 36V (24V-60V)
Sleep time 10min (0-60min)
Wheel size 23in (5-50inch)
Speed limit 25km/h (0-100km/h)
ZERO mode ON (Need or not)

Advanced Setup
Assist Mode 5 (3, 5, 9)
Motor Magnets 1 (1-255)
Start Mode zero (zero/non zero)
Drive Mode PAS+Th (PAS, Th, PAS+Th)
PAS Sensitive 3 (1-24)
PAS Strength 3 (1-5)
ODO Reset real-time mileage
(Auto Cruise OFF (On/off)

Factory Options
PAS Magnets 12 (from 5-12)
Current Limit 15A (1-22)
Under Voltage 29V (battery under voltage)
Display Speed Rate 100% (50-150)
Protocol No.2

三、 Button introduction
Pls refer to below button position
Function of the button

There are 3 types of clicking buttons, long click, short click, and two buttons long click together.

Short click is for quick/frequent use, e.g:

1. When riding, if you want to change the PAS speed, you can short press these buttons.

2. When cycling, switch the multi-function area display data, short click.

Long click for one button is mainly for mode changing/turn on/off.

Two buttons long click is for setting parameter, because it is difficult to do, this can reduce misuse.

Detail explanation for using buttons:

一、Modify power ratio/electrical gear mode

For example: if now it is assist mode:

1) Short click, assist power + 1

2) Short click, assist power - 1

二、Switching speed display,

Long click, switch the speed display method

三、Set/cancel 6KM/H mode, turn on/off the light, clear ODO

When not cycling, long click, will enter into 6KM/h mode, when not clicking, it exit the 6KM/H mode.

Long click, the light will be switched on/off

When you are at P16 Menu interface, long click for 6 seconds, ODO will be cleared.

四、Turn on/off display
When the display is working, long click \( \text{long click} \), the display will be switched off, on opposite, the display will be switched on.

五、 Switch multi function display

Short click \( \text{short click} \) can switch multi-function display data

六、 Setting parameter

Long press \( \text{long press} \) enter into parameter setting menu, below parameter can be setted: wheel size (inch), magnet number, screen lightness, under voltage ect (refer to setting: P01-P20);

When you are at setting home page, short click \( \text{short click} \) or \( \text{long press} \), increase or decrease the setting number to the Minimum Unit of precision, you can also long click \( \text{long press} \) or \( \text{long press} \) to quickly change the parameter.

1. Short click \( \text{short click} \), switch to next parameter.

2. Long click again \( \text{long press} \), exit the setting and store the parameter, if not like this, will store the changed parameter and exit automatically in 8 seconds.

Attention: You ma

PS: Due to the company’s product upgrades you may get some of the product display content will be different from the manual, but will not affect your normal use.

ADD: ROOM 1011, BUIDING B, NO 213, YULONGNAN ROAD, ZHONGLOUJINJIAFAQU, CHANGZHOU CITY, JIANGSU PROVINCE.

TELE: 0519–69656597

Web: www.lhzn85.cn