

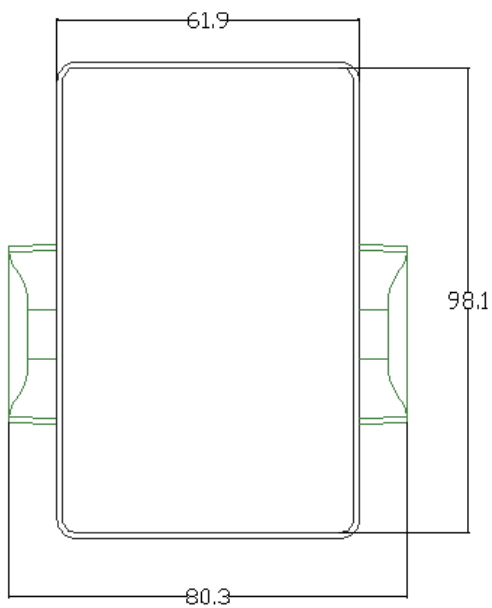
E Movement

LCD-M6T USER MANUAL Version 2020

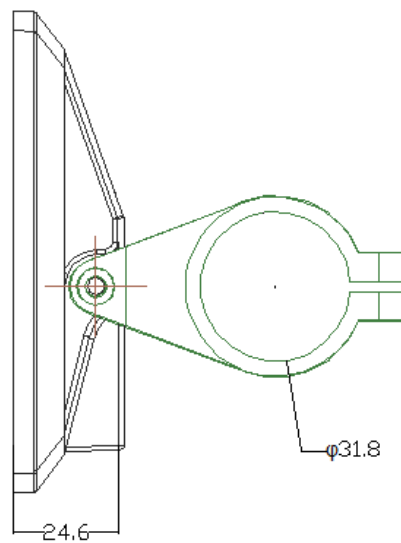


- **Size and material (unit: mm)**
The display shell is made of ABS and metal material, the LED screen is made of toughened glass.

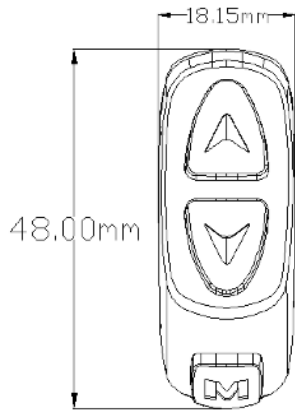
Front View



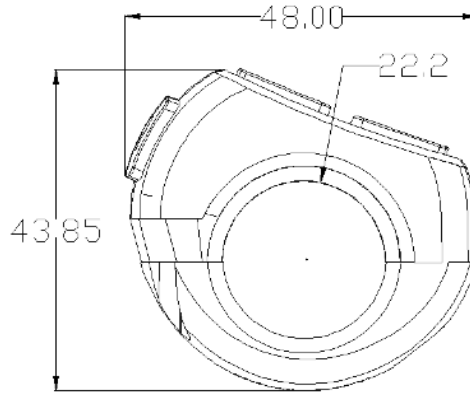
Side View



- **31.8mm**The clamp has 22.2mm、25.4mm、28.6mm to be chosen



Button view

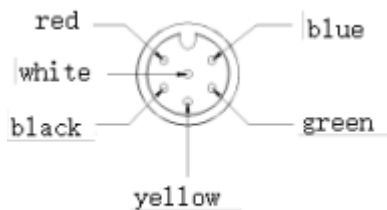


Button side view

- **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. Standard connector sequence

Standard plug-in line sequence	color	function
1	red (VCC)	Display power line
2	green (RX)	Display data receiving line
3	black (GND)	Display ground line
4	orange (K)	Controller Controlling line
5	yellow (TX)	Display data sending line
6	white (DD)	Light controlling line



Common view-six

- **Function**

1. Display function.

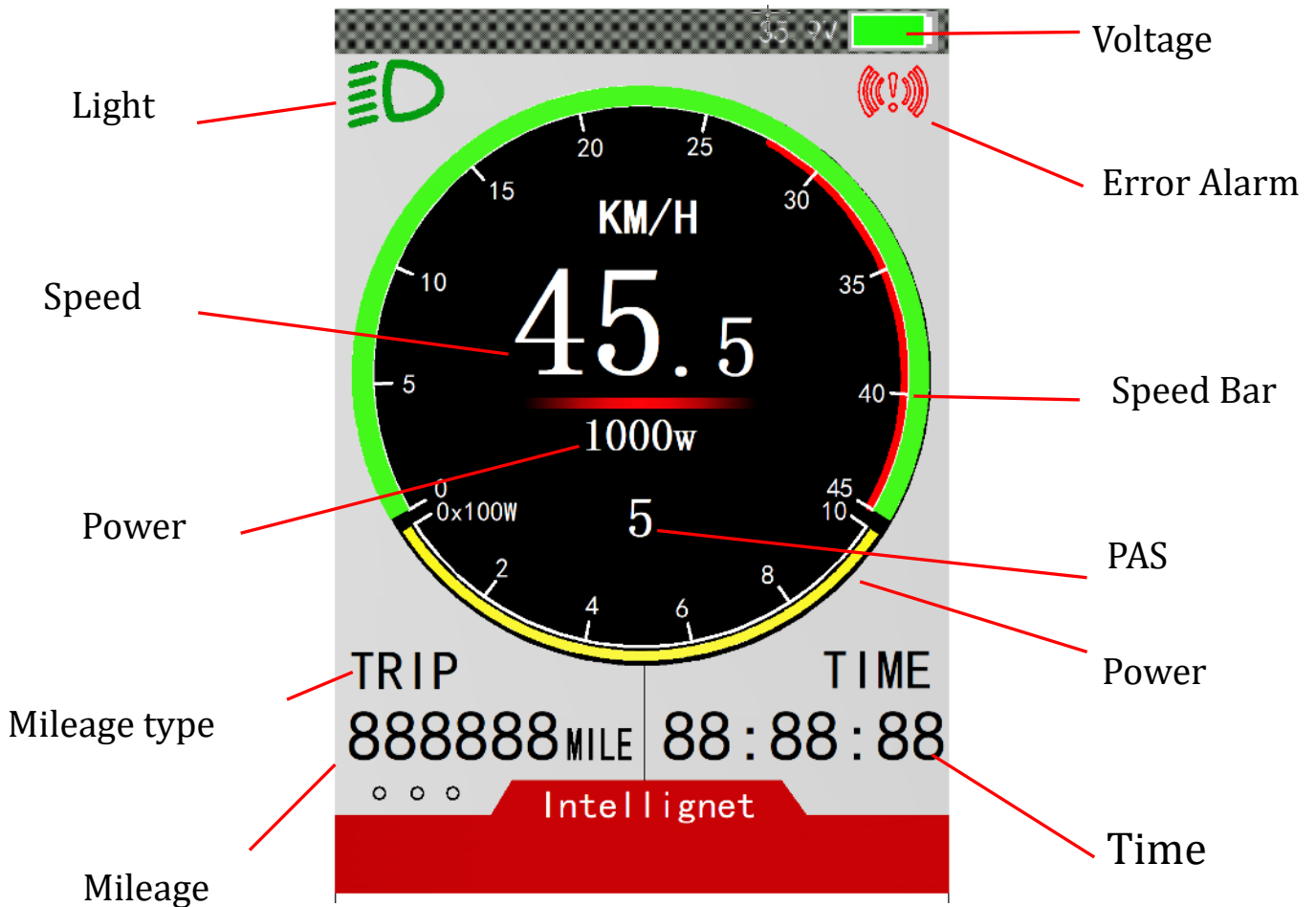
Speed display, PAS display, power display, power indication, fault indication, total mileage, single mileage, headlamp display, single travel time display









2. Control and setting function

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

3. Communication Protocol: UART

Contents Introduction for Home Page

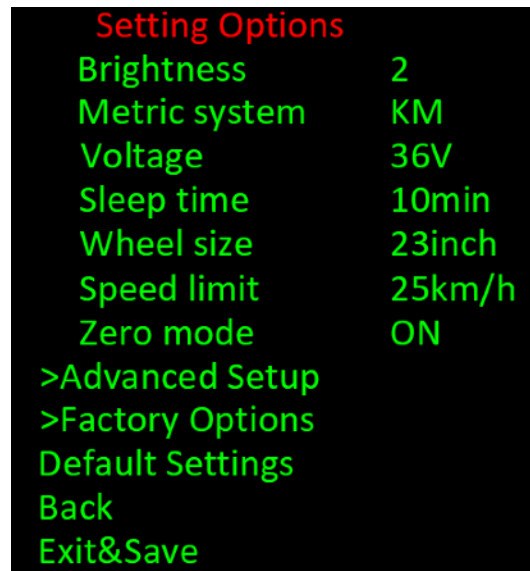


- Error alarm :
-  under voltage
 -  brake hint
 -  motor problem
 -  Accelerator problem
 -  controller problem
 -  communication problem
- Status hint Icons:
-  USB charging hint
 -  cruise engaging

- **Setting page introduction**

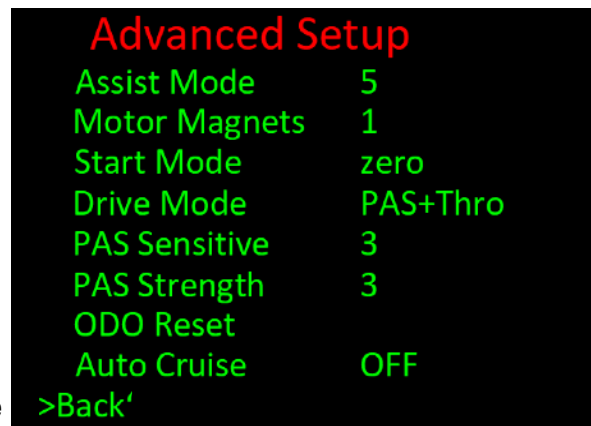
Normal setting

Backlight brightness - 2 (From1-3)
 Unit - KM
 Voltage - 36V (24V-60V)
 Sleeping Time - 10min (0-60Min)
 Wheel size - 23in (5-50inch)
 Limit speed - 25km/h (0-100km/h)
 ZERO gear function ON (Need or not)
 Advanced setting
 Factory setting
 Back
 Store and exit



Advanced setting

PAS number - 5 (3、5、9)
 Motor magnet number - 1 (1-255)
 Stating mode - zero (zero/non zero)
 Drive mode - PAS+Th (PAS, Th,PAS+Th)
 Assist Sensitivity -3 (1-24)
 Assist strength - 3 (1-5)
 Total mileage cleared Peak-time mileage
 (Long press Up button to clear)
 Cruise control OFF (On/off)
 Back



Factory Setting

Booster type - 12 (Booster magnet 5-12)
 Controller limit current - 15A (1-22)
 Under voltage - 29V (battery under voltage)
 Speed display rate 100% (50-150)
 Protocol version No.2
 Back



- **Button introduction - Pls refer to button position**

- **Function of the button**

There are 3 types of clicking buttons, long click, short clic, 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 button
2. When cycling, switch the multi-function area display data by short click
3. Long click of Power button is mainly for mode changing / turn on / off
4. Two buttons long click is for setting parameter.

- **Detail explanation for using buttons :**

Modify power ratio/electrical gear mode, For example: if now it is assist mode:

Short click , assist power + 1


Short click , assist power - 1


Switching speed display,


 Long click,+ , switch the speed display method


- 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.

Turn on/off display long click 

Switch multi function display Short click can switch multi-function display data 

- Setting parameter

Long press  +  enter into parameter setting menu, below parameter can be settled:
wheel size (inch),
magnet number,
screen lightness,
under voltage ect (refer to setting: P01-P20) ;

When you are at setting home page, short click  or , increase or decrease the setting number to the Minimum Unit of precision, you can also long click  or  to quickly change the parameter.

Short click  switch to next parameter.

Long click again  + , exit the setting and store the parameter, if will store the changed parameter and exit automatically in 8 seconds.

Attention: 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.