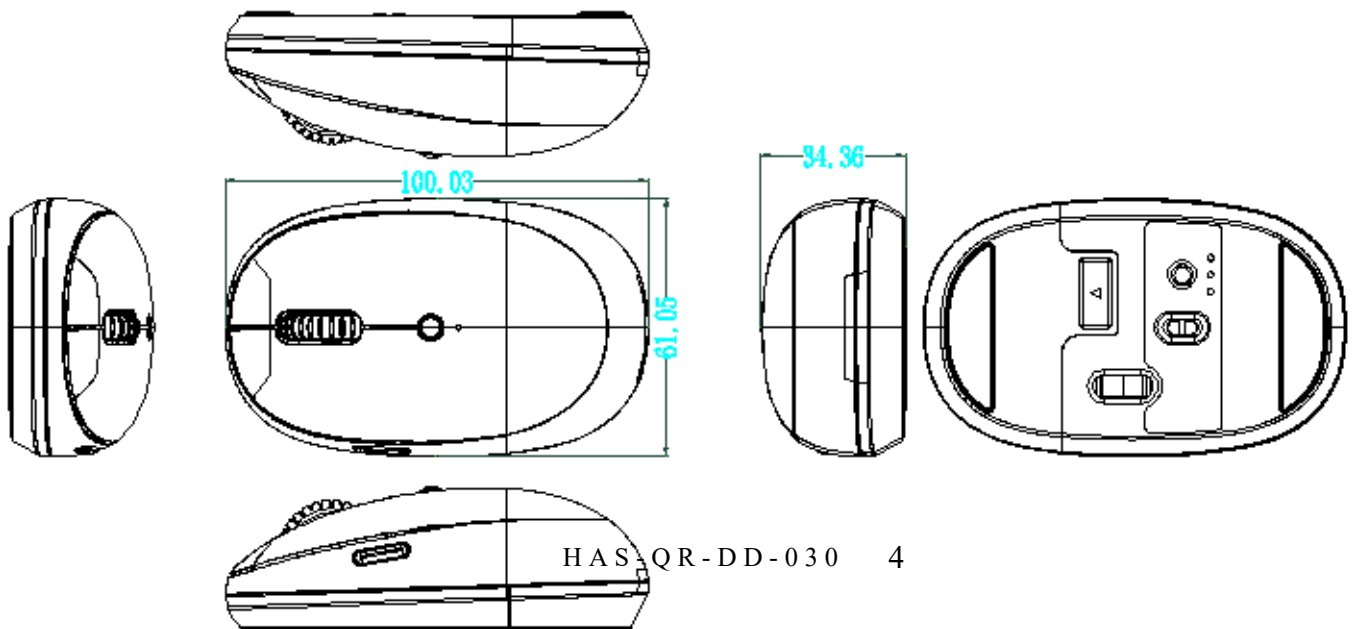


# Manual

# 1.Overview

This specification defines this product as a Bluetooth and 2.4 double module wireless mouse, it can be used for iPad, laptop ,desk computer, cell phone;

Part size



## 2. Part name and material

| Part name     | material | Surface finish | color  |
|---------------|----------|----------------|--------|
| Top cover     | ABS      | texture        | white  |
| Middle cover  | ABS      | texture        | white  |
| Bottom cover  | ABS      | texture        | white  |
| DPI key       | ABS      | texture        | white  |
| Power on off  | ABS      | texture        | white  |
| wheel         | ABS      | texture        | white  |
| Lateral key   | ABS      | texture        | white  |
| Battery cover | ABS      | texture        | white  |
| Wheel circle  | silica   | texture        | white  |
| Foot support  | plastic  | polishing      | white  |
| LED pillar    | ABS      | texture        | nature |

## 3. working state

|                          |              |                  |             |
|--------------------------|--------------|------------------|-------------|
| Working temperature<br>: | 0℃ ~ +40℃    | Working humidity | 60+/-20%RH  |
| Storage temperature      | -20 ℃~ +65 ℃ | Storage humidity | 10% ~ 75%RH |

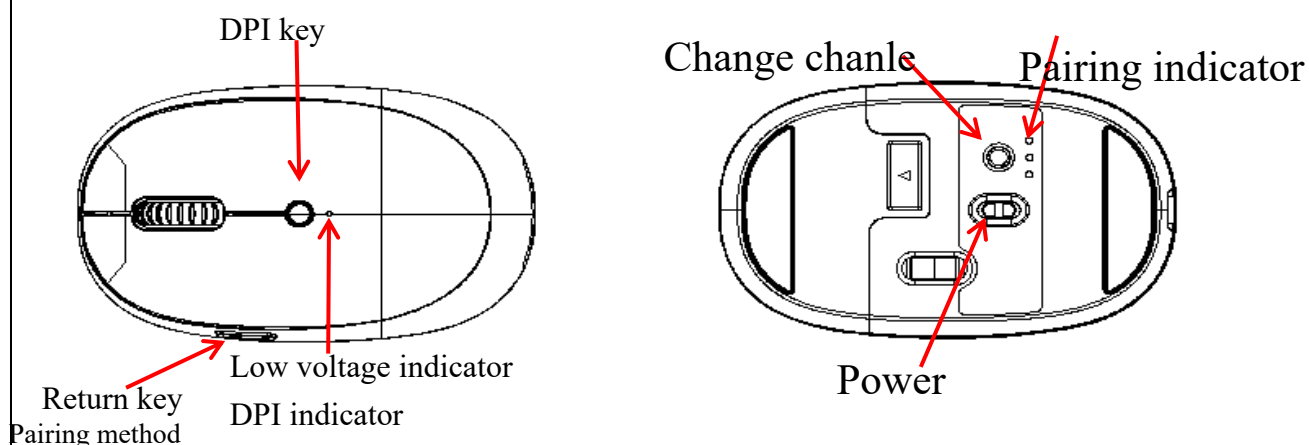
Notes: temperature are about 40℃, surface can not be with water

## 4. mechanical function

| item                 | state                                   | Spe.         |
|----------------------|-----------------------------------------|--------------|
| Pressing force       | Press middle place,diameter $\phi$ 10mm | 80 +/-30g    |
| Left/right key force | Press middle place,diameter $\phi$ 10mm | 30gf Max.    |
| Moveable force       | Slide flat surface for testing          | 120gf Max.   |
| Max speed            | testing X,Y direction                   | 250mm/s Max. |

## 5. electronic and indicator

|                      |                                     |                     |                        |
|----------------------|-------------------------------------|---------------------|------------------------|
| Power                | AA-battery                          | Working current     | $\leq 8.5\text{mA}$    |
| sensor               | PAW3212                             | IC module           | BK3632                 |
| Min working voltage  | 0.9V                                | Max working voltage | 1.6V                   |
| Current when turn-on | $\leq 20\text{mA}$                  | Stand by current    | $\leq 1\text{mA}$      |
| Pairing current      | $\leq 35\text{mA}$                  | Sleepy current      | $\leq 0.03\mu\text{A}$ |
| Wake up current      | $\leq 17\text{mA}$                  | Sleep module time   | 30mins                 |
| Working distance     | $>8\text{M}$<br>(straight distance) | Waking up module    | Pressing Any key       |
| Low voltage warning  | $\leq 1.1\text{V}$                  | DPI                 | 800-1200-1600          |



Bluetooth module: keep pressing the key of changing channel, the indicator will be flash quickly, then into p module, Choose the pairing name and click it to connect;

| indicator             | color | state                                                                                                                                                                                  |
|-----------------------|-------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Low voltage indicator | red   | When voltage are lower than 1.1V, the warning indicator will flash 1time/S, stop working after 10S; when voltage are lower than 1.0V, the indicator flash 10 times and then turn off;  |
| DPI indicator         | white | Level 1 flash 1 time; level 2 flash 2 times, level 3 flash 3 times;                                                                                                                    |
| Pairing               | red   | The indicator will flash 3times/S, Bluetooth pairing time keep 120S, , 2.4G pairing time keep 20S; without pairing will be into sleepy module, whit pairing the indicator will be off; |

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 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.