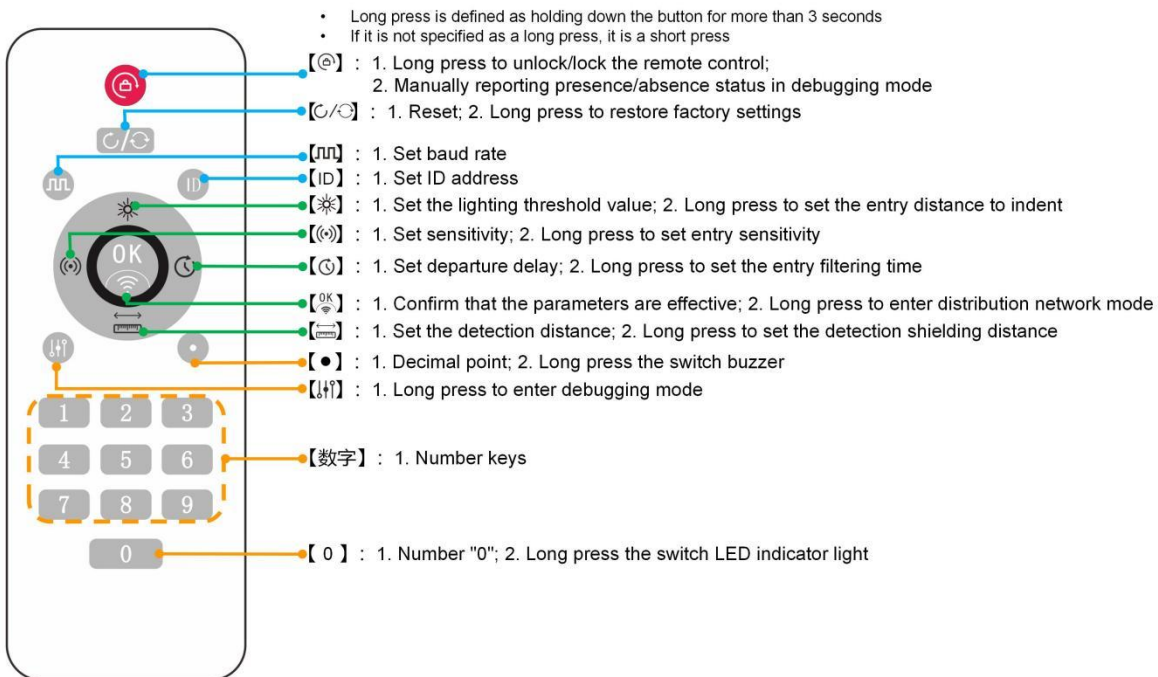


1. 遥控器说明 Remote control instructions



2. 功能键补充说明 Function key supplementary instructions

(1) 【Ⓜ】键：长按解锁/锁定遥控器；短按调试模式开/关控制

[Ⓜ]Key: long press to unlock / lock the remote control; short press to debug mode on / off control

① 长按解锁/锁定遥控器：传感器出厂默认为“解锁”状态，用户可直接使用遥控器操作。传感器在正常使用过程中，如遇到其他电器的遥控器干扰，可长按锁定传感器，禁止遥控器操作。

Long press to unlock / lock remote control: the default sensor is "unlock" state, the user can directly use the remote control

Device operation. During the normal use of the sensor, if the remote control interference of other electrical appliances is encountered, you can long press to lock the sensor and prohibit the remote control operation.

② 短按调试模式开/关控制：设备处于本地强制开关控制时，远程平台禁止设置参数，如设备处于本地（自动）运行模式，则停止该模式，直到本地上电周期内维持该模式。支持“开”、“关”。

Short press debugging mode on / off control: When the device is under local forced switch control, the remote platform forbids setting parameters

Number, if the device is in local (automatic) operation mode, stop the mode until maintained during the local power cycle. Support "open", "close".

- (2) 【↻/↺】键：长按恢复出厂设置；短按复位

[↻/↺] Key: Long press to restore the factory settings; short press to reset

① 长按恢复出厂设置：将传感器参数恢复到默认状态：灵敏度 7、检测距离 6 米、延时时间 15 秒等。

Long press to restore factory setting: restore sensor parameters to default state: sensitivity 7, detection distance of 6 m, delay time of 15 seconds, etc.

② 短按复位：用于重启控制器（MCU）。需要输入密码 123，否则重启无效。

Short pressing reset: used to restart the controller (MCU). Password 123 is required, otherwise the restart is invalid.

- (3) 【↵】键：短按设置波特率

[↵] Key: Short press to set the port rate

① 默认波特率 9600bsp，如需另配置波特率，可通过此键进行配置。配置范围 1200bps~115200bps。

The default port rate is 9600 bsp, which can be configured by this key. Configuration range 1200bps~115200bps.

- (4) 【ID】键：短按设置 ID

① 用于修改 485 版本设备的总线地址，默认 ID 为 1，产品如需另配置 ID 地址，可通过此键进行配置。配置范围 1~247，一条总线上建议设备不超过 120 个。

Use to modify the bus address of the 485 version device, the default ID is 1, if the product needs to configure another ID address, can

Configure it with this second key. Allocation range 1~247, recommend no more than 120 devices on one bus.

- (5) 【☀】键：短按设置光照阈值；长按设置入场距离缩进。

[☀] Key: short press to set lighting threshold; long press to set entry distance.

① 短按设置光照阈值：设备处于本地模式（自动）运行时，能够结合光照阈值进行自动控制。当实际光照值低于设置阈值时，检测到有人，则设备断路器导通（输出常开）；检测到无人，则设备断路器断开（输出常开）。可配置的光感值范围为 0~255.00Lux。

Set the illumination threshold: When the device is running in local mode (automatic), it can

combine the illumination threshold

automata. When the actual illumination value is below the set threshold, if the human is detected, the circuit breaker is on (the output is normally open); if the unmanned is detected, the circuit breaker is disconnected (the output is normally open). The configurable light sensitivity range is 0~255.00Lux.

② 长按设置入场距离缩进：在探测距离的基础上，进行往内缩进的距离。主要避免因距离边沿干扰导致的误触发。（例探测距离 5 米，缩进 0.5 米，则初次触发距离为 4.5 米），取值范围 0~10.00m（默认值 0.6 米）。

Long press set admission distance indent: on the basis of detection distance, the indent distance. Mainly avoid

Misfiring due to interference from the distance edge.(For example, the detection range is 5 meters, the shrinkage is 0.5 meters, then the initial trigger distance is 4.5 meters), and the value range is 0~10.00m (the default value is 0.6 meters).

(6) 【☉】键：短按设置灵敏度；长按设置入场灵敏度。

[☉] Key: Short press to set sensitivity; long press to set entry sensitivity.

① 短按设置灵敏度：设备工作时，对物体能量强弱的探测阈值。灵敏度越高，探测能量强度越弱，灵敏度越低，探测能量强度越强。取值范围 1~9（默认 7）。

Short press set sensitivity: the detection threshold of the energy strength of the object when the equipment is working. The higher the sensitivity, the detection

The weaker the energy intensity, the lower the sensitivity, and the stronger the detection energy intensity. Value range is from 1 to 9 (default 7).

② 长按设置入场灵敏度：目标进入探测范围内，首次触发的灵敏度阈值，主要用于过滤误触干扰。取值范围 1~7（默认 5）。

Long press to set the entry sensitivity: the target into the detection range, the first triggered the sensitivity threshold, mainly used for

Filter the mistouch interference. Value range is from 1 to 7 (default 5).

(7) 【⌚】键：短按设置离场延时；长按设置入场过滤时间；在调试模式下短按设置检测封锁时间

[⌚] Key: short press to set departure delay; long press to set entry filtering time; short press to set detection blocking time in debugging mode

① 短按设置离场延时：用于配置“目标消失”后的确认时间。参数配置越大，越容

易减少因目标偶然消失，导致的漏报；但时间过长设备需要更长的时间报告目标已经消失。默认值 30 秒，取值范围 0~1500 秒。

Short press to set the departure delay: used to configure the confirmation time after the target disappears. The larger the parameter configuration, the more tolerant

② 长按设置入场过滤时间：用于检测到目标后，目标确认时间。默认值 0.1 秒，取值范围 0~5 秒。


Long press to set the entry filter time: used for the target confirmation time after detecting the target. The default value is 0.1 seconds, take values range from 0 to 5 seconds.

③ 调试模式下短按设置检测封锁时间：模块检测到目标后，默认封锁检测功能 x 秒钟，同时 OUT 引脚输出控制信号。控制信号持续时间到之后，再默认封锁检测功能 x 秒钟，才允许可以再次检测目标。主要解决因控制外部设备引起的电源纹波、辐射产生等情况对设备的干扰。默认值 2.5 秒(继电器版本,非继电器版本默认值 1 秒)，取值范围 0.1~60 秒。

In debugging mode: after the module detects the target, the default block detection function x





Seconds, while the OUT pin outputs the control signal. After the duration of the control signal reaches, the default blocking detection function for x seconds allows the target to be detected again. Mainly solve the control of external equipment caused by power ripple and radiation generation to the equipment. Default value is 2.5 seconds (relay version, non-relay version default value is 1 second), ranging from 0.1 to 60 seconds.

(8) 【】键：短按确认参数生效；长按进入配网模式

[] Key: Short press to confirm the parameter; long press to enter the distribution mode

① 短按确认参数生效：遥控器按下【】、【】、【】、【】键之后，再输入参数

值，最后需要短按【】键，传感器才会存储并使用新的参数值，否则不会使用。


Short press to confirm the parameter: enter the parameters after pressing [], [], [] and []

Value, the sensor will store and use the new parameter value, otherwise it will not be used.

② 长按进入配网模式：无线版本产品长按此键进入网络配置模式。

Long press to enter the distribution network mode: wireless version product long press this key to enter the network configuration mode.

- (9) 【】键：短按设置探测距离；长按设置探测屏蔽距离

[] Key: short press to set the detection distance; long press to set the detection shielding distance

① 短按设置探测距离：设备工作时检测的最远距离。可配置的值范围为 0.3~9m，小数点后两位有效。多余的小数点和小数值，将被传感器忽略。

Short press to set the detection distance: the longest distance detected when the equipment is working. The configurable values range from 0.3 to 9 m,


Two decimal places are valid. Excess decimal points and decimal values, will be ignored by the sensor.

② 长按设置探测屏蔽距离：设备工作时检测的最近距离。取值范围 1.5~10m（其取值必须小于“探测距离”，默认 6 米）。

Long press to set the detection shielding distance: the nearest distance detected when the equipment is working. The value range ranges from 1.5 to 10 m (which

The value must be less than "probe distance", default 6 m).

- (10) 【】键：短按输入小数点；长按开关蜂鸣器

[] Key: press the decimal point; press the switch buzzer

① 短按输入小数点：输入小数点。

Enter the decimal point short: enter the decimal point.


② 长按开关蜂鸣器默认：默认蜂鸣器开启，遥控器按键时，会发出声音。如需要关闭蜂鸣器，长按该按键，则蜂鸣器关闭；再长按，蜂鸣器打开。


Long press switch buzzer default: the default buzzer is on, the remote control button, will make a sound. If you need to close

Close the buzzer, long press the buzzer; then press long and open the buzzer. Long press

switch buzzer default: the default buzzer is on, the remote control button, will make a sound. If you need to close

Close the buzzer, long press the buzzer; then press long and open the buzzer.

- (11) 【】键：1. 长按进入调试模式；2. 短按输出端口极性

【】 Key: 1. Long press to enter the debugging mode; 2. Short press the output port polarity

① 长按进入调试模式： Long press into debug mode:

② 短按输出端口极性：用于设置断路器默认输出状态。默认为“常开”状态，可选值“常开”、“常闭”。

Short press output port polarity: used to set the default output status of the circuit breaker. The default is normally open the state, optional value "often open", "often closed".

(12) 【数字】键：数字键 [Number] Key: Number key

① 数字键：短按输入数字 1~9

Number key: Short press the input number 1~9

(13) 【0】键：短按输入数字“0”；长按开关 LED 指示灯

[0] Key: Short press the input number "0"; long press the switch LED indicator light

① 短按输入数字“0”：Short-press the input number "0":






② 长按开关 LED 指示灯：默认 LED 指示灯为工作正常时熄灭，异常时闪烁或点亮。

长按该按键，则关闭指示灯（遥控器遥控时仍然会闪烁），异常时不再闪烁或点亮。再长按，则打开指示灯。






Long press switch LED indicator: the default LED indicator is off when working normally and flashes or lit when abnormal.

Long press this button, turn off the indicator light (still blink when the remote control is remote control), and no longer flash or light when abnormal. Press long again, then turn on the indicator light.

提示：

- (1) 按下【】、【】、【】或【】按键后，如果 5s 内无操作，传感器将超时退出配置状态；
- (2) 【】、【数字】、【0】为数字组合键，用于参数值输入。

Tips:

- (1) After pressing the [], [], [] or [] button, if there is no operation within 5s, the sensor will time out and exit the configuration state;
- (2) [], [Number], [0] are digital keys for parameter value input.


3. 示例 Instance

(1) 设置灵敏度为8:

Set the sensitivity to be 8:

操作步骤：在遥控器解锁状态，先短按【】键进入配置状态，再短按数字“8”，最后短按【】键生效。




Operation steps: in the remote control unlock state, first press [] key to enter the

configuration state, then press the number "8", and finally press [] key to take effect.

(2) 如设置最远检测距离6.5米:


If the maximum detection distance is 6.5 meters:


操作步骤: 在遥控器解锁状态, 先短按【】键进入配置状态, 再短按数字“6”、短按【】、短按数字“5”, 最后短按【】键生效。

Operation steps: in the remote control unlock state, first press the [] key to enter the configuration state, then press the number "6", [], and the number "5", and finally press the [] key to take effect.

(3) 恢复出厂配置:

Restore the factory configuration:

在遥控器解锁状态, 长按【】键2s以上。

In the remote control unlock state, press [] for 2s.