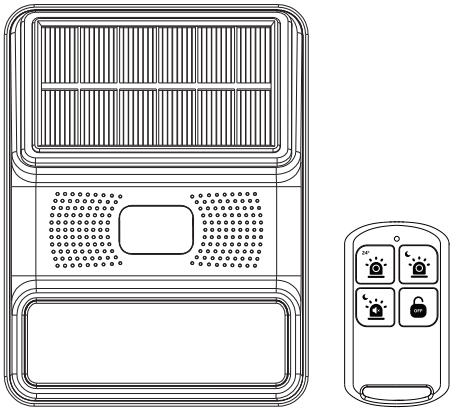
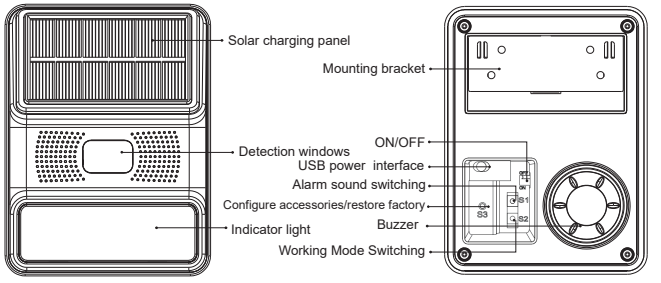
Solar Alarm User's Manual



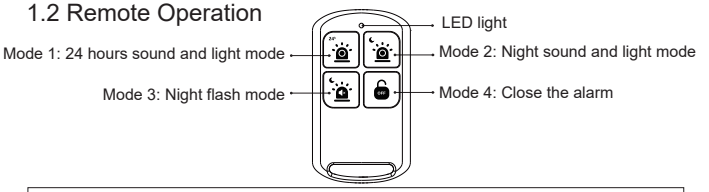
I. Product Overview

The sound and light alarm support solar charging, support key and remote control to set up different working modes, with anti-interference, anti-false alarm, anti-leakage alarm and other functions, the product is suitable for family, fence, pond, mountains, farms, orchards, factories and warehouses outdoor security alarm purposes.

1.1 Product Diagram



1.2 Remote Operation

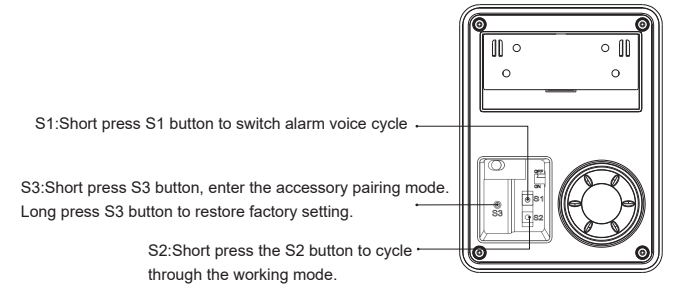


⚠ Close the alarm: The device stops sensing operation, if you need to turn on the infrared sensor,Please press the remote control mode button to set it.

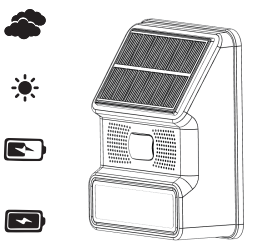
Mode 1 (remote control): 24 hours sound and light mode - all day sound and light alarm.
Mode 2 (remote control): night sound and light mode - daytime does not work, night sound and light alarm.
Mode 3 (remote control): night flash mode - daytime sound and light alarm, night automatically switch flash alarm, no alarm sound.
Mode 4 (remote control): Close the alarm: turn off infrared sensing, the device stops sensing operation.

1.3 Solar alarm button function description

Key	Key Function Description	Operating Instructions	LED	Buzzer
S1	Short press - switch alarm sound	Short press S1 button to switch alarm sound	Blinks	Play the selected voice
S2	Short press - switch working mode	24 hours sound and light mode	Blinks 1 time	With a 'beep' sound
		Night sound and light mode	Blinks 2 times	Two beeps of 'DiDi'
		Night flash mode	Blinks 3 times	Three beeps of 'DiDiDi'
		Close the alarm	Blinks 4 times	Four beeps of 'DiDiDiDi'
S3	Short press-accessory configuration mode	Short press the S3 button to enter the accessory configuration mode	Continuous flash	With a 'beep' sound
	Long press-restore factory settings	Long press the S3 button to restore factory settings	Blinks 4 times	Four beeps of 'DiDi DiDi'

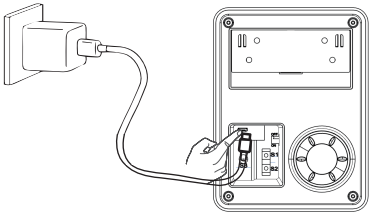


II. Charging Instructions



Different weather and seasonal light intensity can affect charging efficiency, The installation position should meet the direct sunlight over 5hrs at least.

USB-DC5V/1A Adapter

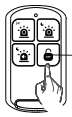


⚠ WARNING: Do not use other adapters with higher voltages,otherwise it will damage the product and dangerous!

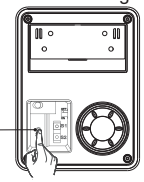
III.Configure remote control

⚠ 1. The remote control has been paired at the factory, please use it directly.
2.If you need a remote control to control multiple alarms,pair them according to the following operation.

① Short press the S3 button, the indicator light will flash continuously, and the buzzer will sound a beep to indicate.

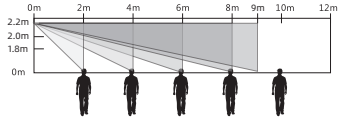


② Press any key on the remote control within a range of less than 5m. After successful pairing, the buzzer will beep once

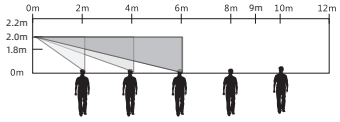


IV. Installation

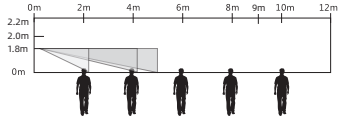
①Instructions before installation. About installation height(for reference only)



a.Installation height:2.2m
Vertical distance in daytime:≤8m
（maximum：≤10m）
Detection distance at night：9-12m



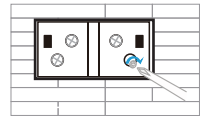
b.Installation height:2.0m
Vertical distance in daytime:≤6m
（maximum：≤9m）
Detection distance at night：9-12m



c.Installation height:1.8m
Vertical distance in daytime:≤5m
（maximum：≤10m）
Detection distance at night：9-12m

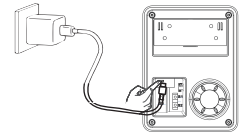
② Outdoor installation

1) fixed bracket

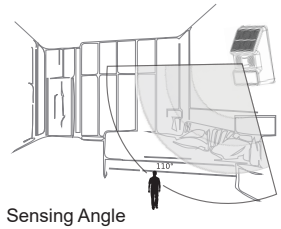


2) product fixation

3） DC5V power supply,plug in USB.

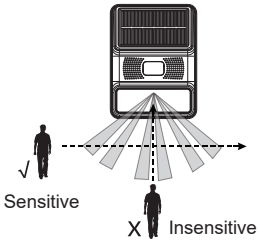


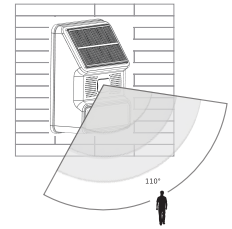
4) Installation Completed(Test Alarm)



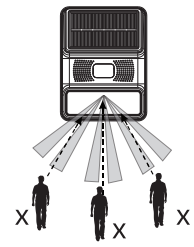
Sensing Angle

There is a difference in the angle of invasion.





For people moving in these directions, the detection range may be shortened.



V. Technical Parameter

Power supply mode：solar charging / DC 5V power supply
Alarm sound：≤100db（with 10cm）
Alarm duration: 5 seconds (default)
Charging time：solar charging＞10 hours（related to the time and intensity of solar radiation），USB charging 4-5 hours（DC 5V/1A）
Detection angle：110°
Detection distance：8~12m（detection distance varies due to environmental impact and detection angle）
Battery parameters：3.7V 1000mA polymer lithium battery
Receive frequency：433.92 MHz (1527 protocol)
Remote control distance：≥100m (distance affected by obstruction and interference signal)
Operating temperature：-20℃~55℃
Operating humidity：40%-80% (non-condensing)
Appearance size：164.3×124.3×59mm

FCC Statement

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 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.

FCC RF Radiation Exposure Statement
The device has been evaluated to meet general RF exposure requirement. The device can be used in portable exposure condition without restriction.