




XKDUN D01 Wireless Motion Sensor and Driveway Alarm for Home Security System User Manual

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Wireless Motion Sensor and Driveway Alarm for Home Security System

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User's Manual

Model: D01

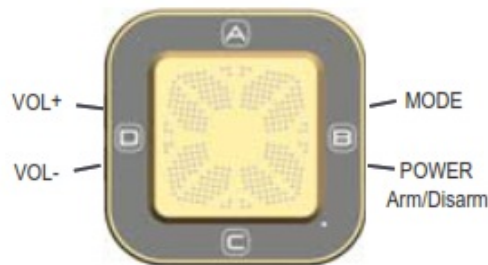


Thank you for purchasing our products. Please read and keep this manual carefully. Please feel free to contact us if you have any queries. Mail:support@xkdun.com

Product introductions

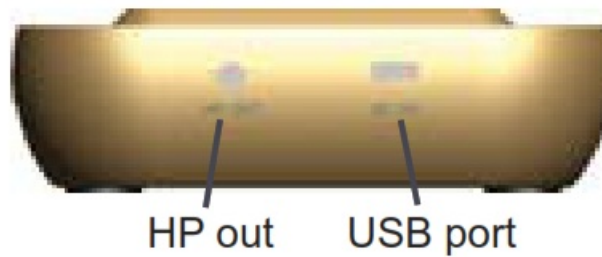
- The home security alarm system includes a base station and a motion sensor for indoor and outdoor use The motion sensor has a waterproof grade of IP65.
- Built-in lithium battery: The base station and motion sensor have a built-in high-capacity battery that will keep the ultra-long standby time.
- Solar charging for Motion Sensor: The motion sensor can be charged with solar panels that you do not need to take it down for charging after installation.
- Suitable for a variety of use scenarios—The motion sensor is an important part of any family safety solution. The waterproof motion sensors in the system use pyroelectric infrared technology to detect the heat source of moving objects so that you can quickly receive the motion alarms of people, cars, and animals in your driveways, front porches, gates, sheds, walkways, and even hunting. Great for homes, businesses, and offices.
- Easy to Install & expandable – This system is easy to install that only needs 2 screws to fix it and is expandable can be set up within minutes. one receiver can be expandable with up to 16 sensors for full coverage of your property. The sensors can be mounted to walls, fence posts, trees, or any other surface, providing extra layers of security and home safety.

Overview

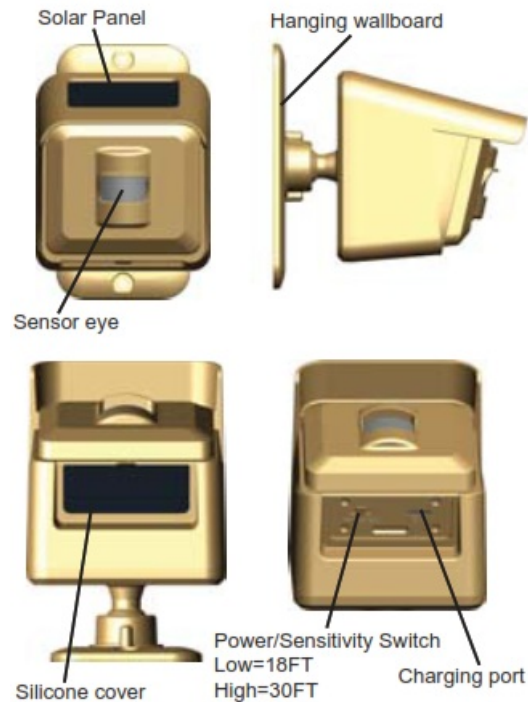


1. Base station

- VOL+ Press the Volume + button to increase the volume level of the base station.
- VOL- Press the Volume – button to reduce the volume level of the base station.
- Mode Press and hold the Mode button for 3s to enter the pairing mode and short press to change the zone number.
- Power Press and hold the power button for 3S to turn on the base station. Press and hold the power button for 3S to turn off.
- Arm/Disarm Short press the Arm/Disarm button to switch between the arm and disarm modes. Arm: Sound alarmed and LED indication alarm are carried out simultaneously. Disarm: Only the LED indicator flashes.



2. Motion Sensor



Operating instructions

1. Turn on/off the base station

The base station will power on automatically when the USB is plugged in. Press and hold the Power button for 3 seconds to turn on/off the base station.

2. Add(pair) anew sensor

If you want to add additional motion sensors that you need to pair the motion sensors with the base station. Please refer to the following steps. a. First power on the base station and then press and hold the Mode button for 3 seconds to enter the pairing mode and Zone A flashes quickly for 30 seconds and waits for pairing. Short press the power button to exit the pairing mode. b. Power on the motion sensor and wave your hand in the front of the sensor eye to trigger the motion sensor so that you can see a red-light flash once in the sensor eye. c. The base station will produce a unique tone to indicate that the pairing has been successful. The zone number will be increased automatically, e.g. Zone A -> Zone B -> Zone C -> Zone D. d. You can also specify this zone number manually that pressing and holding the Mode for 3S to enter the pairing mode and then short press the Mode button to change the zone number that your favorite, then wave your hand to trigger the motion sensor to complete the pairing.

Note:

1. You need to pair the motion sensor with the base station when you use it the first time.

2. Each channel has independent music tips for easy differentiation.

3. **Arm/Disarm Mode**

Short press the Power button to change between the Arm and Disarm mode when the base station is on. Arm Mode: Sound and red led indication alarm at the same time and the green led of the power indicator is always on to show the status. Disarm Mode: There is only light indication and no audible alarm when the motion sensor is triggered and the green led of power indicator flashes to show the disarm status.

Note: The base station is in arm mode by default and the green led of the power indicator is always on.

4. **Adjust the volume level of the base station**

Press the Volume+Volume- button to change the volume level of the base station.

5. **HP out**

If you don't want to disturb others, you can use the headphone output that will cut off the speaker.

6. **Low battery prompt**

a.If the battery of the base station is low, the red power indicator on the base station will flash quickly. It with voice prompt • “Base low battery, please charge “. Please charge the battery in time. b.If the battery of the motion sensor is low, the zone number indicator on the base station will flash quickly. It with voice prompt: “Zone A/B/C/D Low Battery, please charge “. Please charge the battery in time.

7. **Battery charging**

• **Base station**

Charging mode: the red power led is always on. Full Charge: the red power led will turn off and the green led will keep on.

• **Motion Sensor**

Charging mode: the red indicator flashes Full Charge: the red power led will turn off.

1. **Clear pairing lists from the base station**

Press and hold the Mode button on the base station and then plug in the USB power until the four-zone indicators turn off in sequence, and the pairing list will be clear.If you want to continue to use it, you need to pair it again.

How to installation the motion sensor

- Installation method Fix the hanging wallboard of the motion sensor on the wall/tree or the flat surface of other objects with the screws in the accessories.
- installation environment confirmation The motion sensor uses a Pyroelectric infrared sensor to detect the infrared radiation temperature change of a moving object. The infrared changes around the installation environment have a great impact on it, so there are the following requirements for the installation environment:

1. The sensor detection range cannot have an air cooler or warm fan and other interference infrared changes, it is best not to have trees.
2. Avoid direct infrared sensor eye of sunlight, car headlights, incandescent lamps, etc..
3. Between the sensor and the detection object to avoid glass and allylic and other substances difficult to pass through the far infrared.

4. The sensor cannot be used to detect a heat source that is not moving or moving at a high speed.
5. Electromagnetic interference or obstacles will reduce the wireless distance. Please avoid too many trees, walls, and other obstacles between the sensor and the base station, and there must be no metal obstacles.

3. Motion sensor mounting height

Note:

1. The recommended installation height is 5-7FT.
2. The installation angle should be adjusted according to the height and distance of the object to be measured and the detection environment.

Specification Description

Power Supply	USB 5V or built-in 18650 battery with 1800mAh for the Base station and Motion Sensor
Charge Current	600mA
Charge Time	about 4 hours
Battery Life	The base station can work for about one month. The motion sensor can work for about one year. Note: The battery life ultimately depends on the trigger frequency of the motion sensor and base station.
Motion Sensor Detection Distance	Low Sensitivity $\leq 18\text{FT}$ Night Sensitivity $\leq 30\text{FT}$ Note: Maybe affected by the environment temperature.
Motion Sensor Detection Angle	86° for the horizontal direction
Wireless Distance	$\leq 1/2$ mile (In a clear or unobstructed space)
Work Temperature	-41°F to 140°F
Mounting height of Motion Sensor	5-7FT


FCC Radiation Exposure Statement:

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 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. Any 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. FCC Radiation Exposure Statement: This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

Documents / Resources

	<p>XKDUN D01 Wireless Motion Sensor and Driveway Alarm for Home Security System [pdf]</p> <p>User Manual</p> <p>YHW-D01, YHWD01, 2A7ITYHW-D01, 2A7ITYHWD01, D01, Wireless Motion Sensor and Driveway Alarm for Home Security System, Wireless Motion Sensor and Driveway Alarm, D01 Wireless Motion Sensor and Driveway Alarm, D01 Wireless Motion Sensor and Driveway Alarm for Home Security System</p>
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