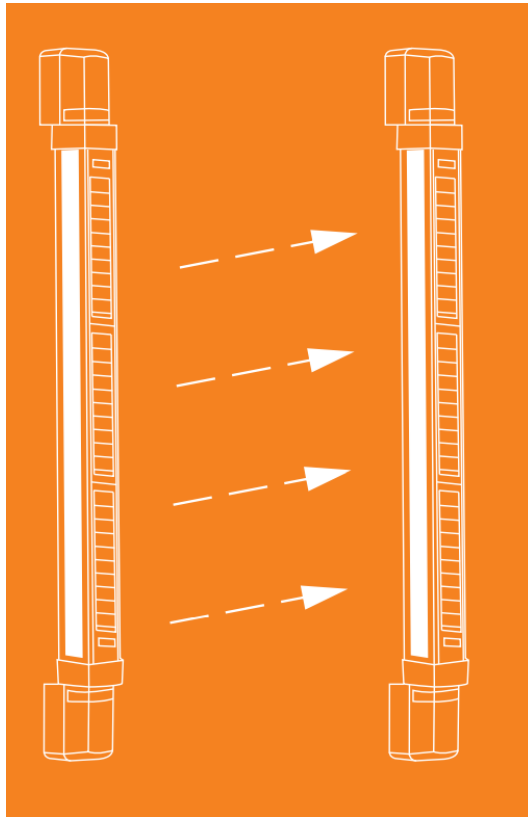




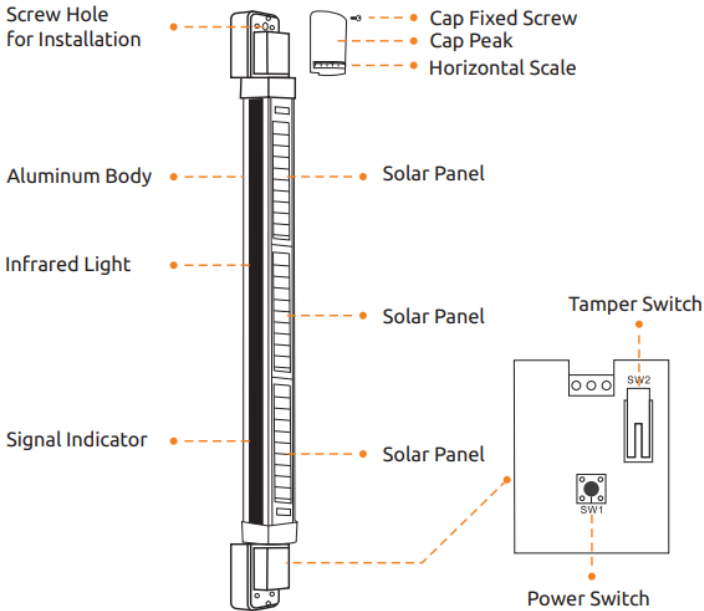
Solar Powered Multi-beam IR Fence
User Manual



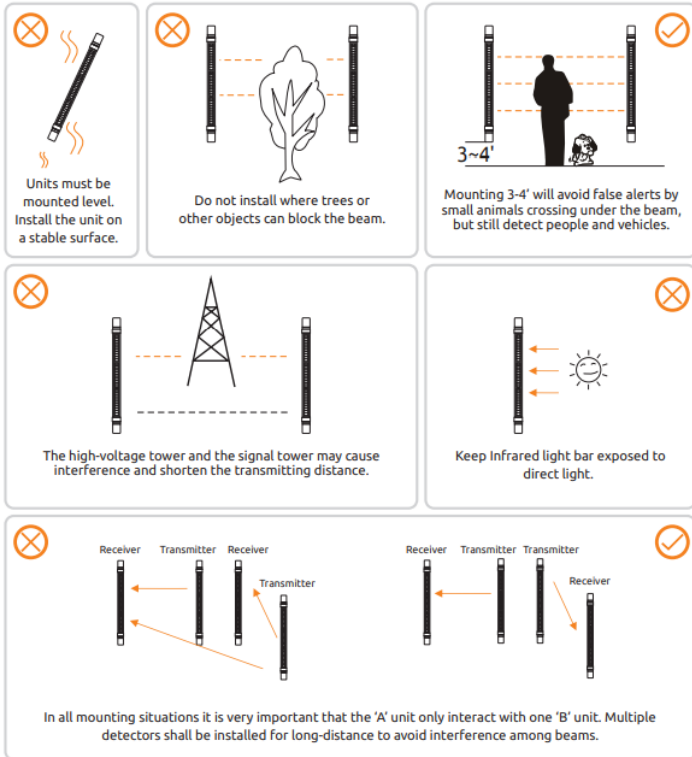
rok Solar Powered Multi-beam IR Beam Fence

The rok wireless solar-powered multi beam IR fence is made for perimeter protection such as a window, door entrance, driveway or garage with a range of 20m distance between transmitter and receiver. It incorporates solar powering and infrared technology into its sophisticated design, plus infrared sensing terminals to cut out all burglar activity from your property. This detector is powered by lithium batteries that recharge through built-in solar panels, which means it works 24/7 non-stop for ultimate security protection. It uses active infrared to detect anything passing through the sensor pair. If more than one beam is broken a signal is sent to the rok alarm hub. No wiring is required.

Components



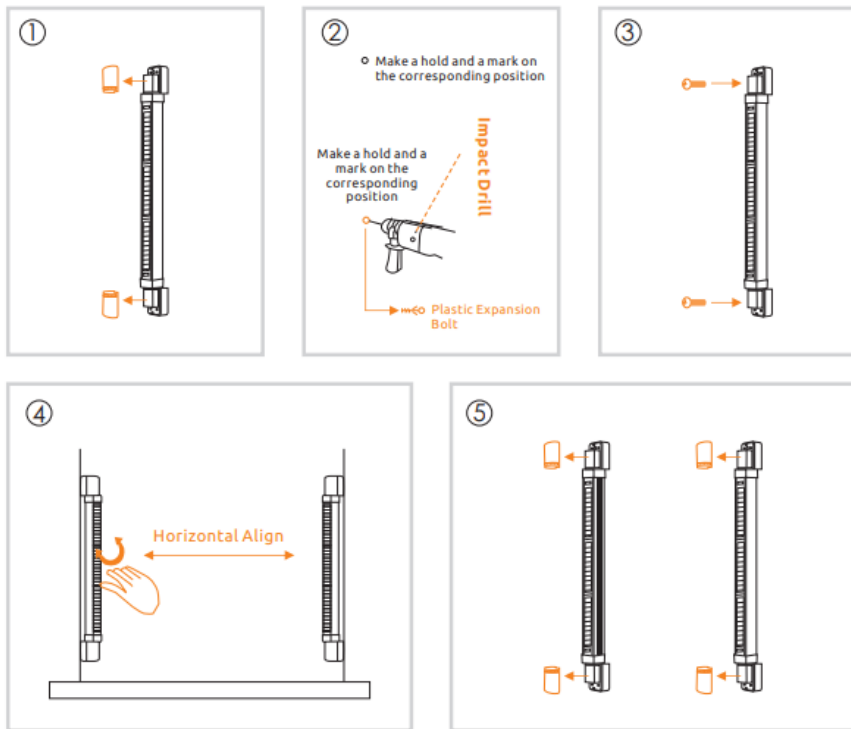
Installation Location



Notice

1. Never install the rok IR Fence in passages , door access systems, areas prone to trigger an alarm, or area which could trigger an alarm more than 50 times per 24 hours.
2. This detector is a solar powered wireless product, so it should not be installed, tested or operated indoors or in any dark place with a sunlight intensity of less than 2200lux. (Raining days with 2200lux sunlight intensity).
3. This product can trigger an alarm less than 50 times under normal sunlight conditions. Never try to test maximum alarm times indoors, otherwise, it may cause the batteries to be subject to low voltage problems, which may impede operation of the product, and even cause damage to the product.

Installation Method



1. Remove the caps respectively from the upper and lower ends of the rok IR Fence.
2. Get the rok IR Fence prepared for installation, keep it in a horizontal plane, make a mark at the wall surface opposite to screw hole with a marker pen, make a hole with a percussion drill, and then insert a plastic expansion bolt into the hole.
3. Keep the rok IR Fence aligned with the screw hole, and then mount onto the wall with the metal screw.
4. Test and calibrate the optical axis.
5. Put the caps back on the rok IR Fence after completing calibration.

Alignment between transmitter and receiver

1. Put the transmitter and receiver in the horizontal plane.
2. Open the bottom red covers of the transmitter and receiver. Press the SW button 5 times on the transmitter and receiver.
3. After 6 beeps, the receiver and transmitter start interconnecting.
4. Once the receiver's LED indicator lights off, it means it is aligned successfully.
5. Test if they are connected, just remove the receiver from the transmitter for 2s, the receiver LED will light up.

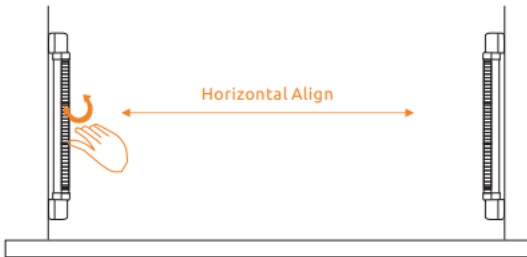
Note: To turn off the rok IR Fence: press SW1 button 5 times. One long beep will be heard and finally the LED will extinguish.

Enrolled to Control Panel

When the rok Alarm Hub is in the enrolling state, block the IR Fence between the transmitter and receiver in the middle for more than 1s with a height ≥ 28 cm thick material and move away quickly.

The IR Fence will send a signal to the rok Alarm Hub which will beep once to indicate a successful enrolling. Receiver lights five seconds, then the indicator light flashes for 30 seconds, and off, the system is ready for use.

Installation & Calibration Precaution and Test Method



The Best Way To Calibrate

1. Transmitter aligns to the receiver.
2. Adjust the light housing, turn to the left slowly until the alarm lights up, write down the angle. Then slowly turn to the right until the alarm lights up, write down the angle. Two angles of the mid-point of this axis is the best position of the receiver. The same method to debug the transmitters best angle.

Testing

1. Block the rok IR Fence in the middle for more than 1s with a height ≥ 28 cm thick material.
2. Manual trigger the tamper SW2 button, if the rok hub goes into the alarm state then the communication between the rok hub and the IR Fence is working.