



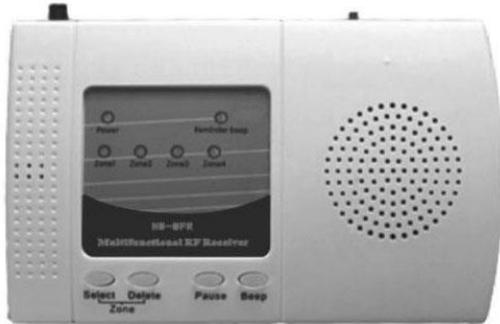
Driveway and Perimeter Alert



FSK type Solar Beam sensor, transmitting distance: 1000m

1. Solar-powered, no external power cord required.
 2. Radio Frequency (RF) Hopping & FM Signal Alarm, no external signal wire required.
 3. Radio Frequency (RF) Hopping & FM Signal Alarm, no wireless signal interference, no reception error, no false alarm.
 4. Adoption of data coding scheme ensures no coincident code among 60000 pairs of light walls.
 5. Immune to strong light interference, with interference indication function.
 6. Equipped with the functions of self-check and reporting to the host.
 7. Equipped with the function of reporting to the host about any offset due to such causes as wind blowing after installation.
- A. Working voltage: 3.3V
B. Battery Type: LiFePO4 li-ion battery
C. Battery capacity: transmitting terminal 500mAh, receiving terminal 1000mAh
D. Static working current: transmitting terminal $\leq 0.5\text{mA}$, receiving terminal $\leq 0.5\text{mA}$
E. Infrared light frequency: secondary modulation and coding on the basis of 38 KHz
F. Infrared light wavelength: $940\text{nm} \pm 20\text{nm}$
G. Number of infrared beams: 2 beams
H. Wireless transmitting frequency: 433MHz FSK+FHSS

- I. Infrared distance: 100m
- J. Wireless transmitting distance: 1km
- K. Solar electrical panel output current: $\geq 2\text{mA}$ at an illumination level of 1800Lx
(Note: outdoor illumination intensity in rainy days is about 2000Lx)
- L. Working environment temperature range: -30°C – 70°C
- M. Maximum alarm times in 24 hours: ≤ 50 times
- N. Overall dimension : 265×84×45 (mm)



FSK type Alarm Receiver – 4 wireless zones, 4 relay output

New generation receiver with minimum power consumption only 0.3 watt. Used with our brand-new Solar-Powered Wireless Infrared series Detector make your home safer and the earth greener.

The receiver use power supply from a standard wall outlet and can be placed on a table or mounted on the wall.

When receiver gets a signal from the Detector one of 4 different tones (beep, wind-bell, plink, clarion) will sound for about 8 seconds. There is also a volume control (figure1-4) so you can set the sound to the desired level. The receiver is also equipped with 4 form “c” relays (one for each zone) and one 14 VDC output terminal that can activate when a signal is received (figure1-3).

The receiver can be user programmed so the 14VDC terminal and relays will activate for 1 second, 10 seconds, 60 seconds or 5 minutes. The tones will sound for several seconds.

Note 1: for maximum range between the Detector and receiver, the receiver should be mounted horizontally on a wall and as high off the floor as possible.

Although the maximum range is about 300-800 meters (depend on detector model), things such as hills, trees, metal siding and stucco can all reduce the range.

Frequency: 4346 MHz

Operating voltage: 15 VDC

Operating current: Standby 20mA Alarming 180mA

14volt DC output current: 400ma maximum

Relay rating: 24VDC or 120VAC at 2A