



Solar-powered Wireless Infrared Beam Detector

EB-SP02

Product Feature:

- Solar-powered, no power line required.
- Radio Frequency (RF) Hopping & FM Signal Alarm, no signal wire required.
- Radio Frequency (RF) Hopping & FM Signal Alarm, no wireless signal interference, no reception error, no false alarm.
- Immune to strong light interference, with interference indication function.
- Equipped with the functions of self-check and reporting to the host.
- Equipped with the function of reporting to the host about any offset due to such causes as wind blowing after installation.



Technical Parameters:

- Working voltage: 3V
- Battery Type: LiFePO4 li-ion battery
- Battery capacity: transmitting terminal 200mA, receiving terminal 200mA
- Static working current: transmitting terminal $\leq 0.4mA$, receiving terminal $\leq 0.4mA$
- Infrared light frequency: 38KHz
- Infrared light wavelength: $940nm \pm 20nm$
- Number of infrared beams: 2 beams
- Wireless transmitting frequency: FM 433MHz
- Infrared distance: practicable distance: 10m
- Wireless transmitting distance: 200m
- Solar electrical panel output current: $\geq 1mA$ at an illumination level of 1600Lx (Note: outdoor illumination intensity in rainy days is about 2000Lx)
- Working environment temperature range: $-30^{\circ}C$ $70^{\circ}C$
- Maximum alarm times in 24 hours: ≤ 50 times



EB-SWA

433MHz FM Signal to Switch-out Adapter, convert wireless signal received from solar-powered beams to wired signal, and then connected with the third-party host control panel, each adapter can at most connect with 48 pairs beams

