

Wireless Door Entry Alarm & Counting System ( Infrared Beam )/Solar Panel Included.

## Applications

- Garage Door/Door Way/Overhead Door/Swing Gate/Entrance /Super Market/Restaurant/Warehouse /Dental/Book Store---etc.

## Features

- Wireless Retro-Reflective Photoelectric Beam Sensor
- Range: 3.14 to 22 feet (0.5~ 7 meters)
- Solar Panel Included.
- 3.7V Lithium-Ion rechargeable battery pack (Protective circuits included, 1400 mAH/18500)
- Switching Power Supply Mode AC/DC Adaptor
- Wireless Photo Beams to Speaker
- 4 Digits Counter -- **Optional**
- Volume of Speaker: Adjustable
- Sounding Time: 3~30 seconds
- Door Chime/Alarm Speaker Included.

## Specifications

Photoelectric Beam Sensor	
Type	Infrared Receiver Modules for Remote Control Systems
Housing	ABS
Radio Frequency	433.92 Mhz
LED Emitting Element	Infrared LED Indicator (Red)
Sensing Range	3.14 to 22 feet (0.5~ 7 meters)
Power Supply	A · 3.7V Lithium-Ion rechargeable battery pack (Protective circuits included, 1400 mAH/18500) B · solar panel
Current Drain (mA)	Standby (Beam Aligned properly): 3.7 mA/Beam Broken:14 mA
Duration of Battery	If the sensor trigger less than 2,000 times per day, then the battery can be lasting 10 days (also the solar panel is working not proper.)
Power input wire	DC Jack (φ)5.5mm/2.5mm x (L)12cm

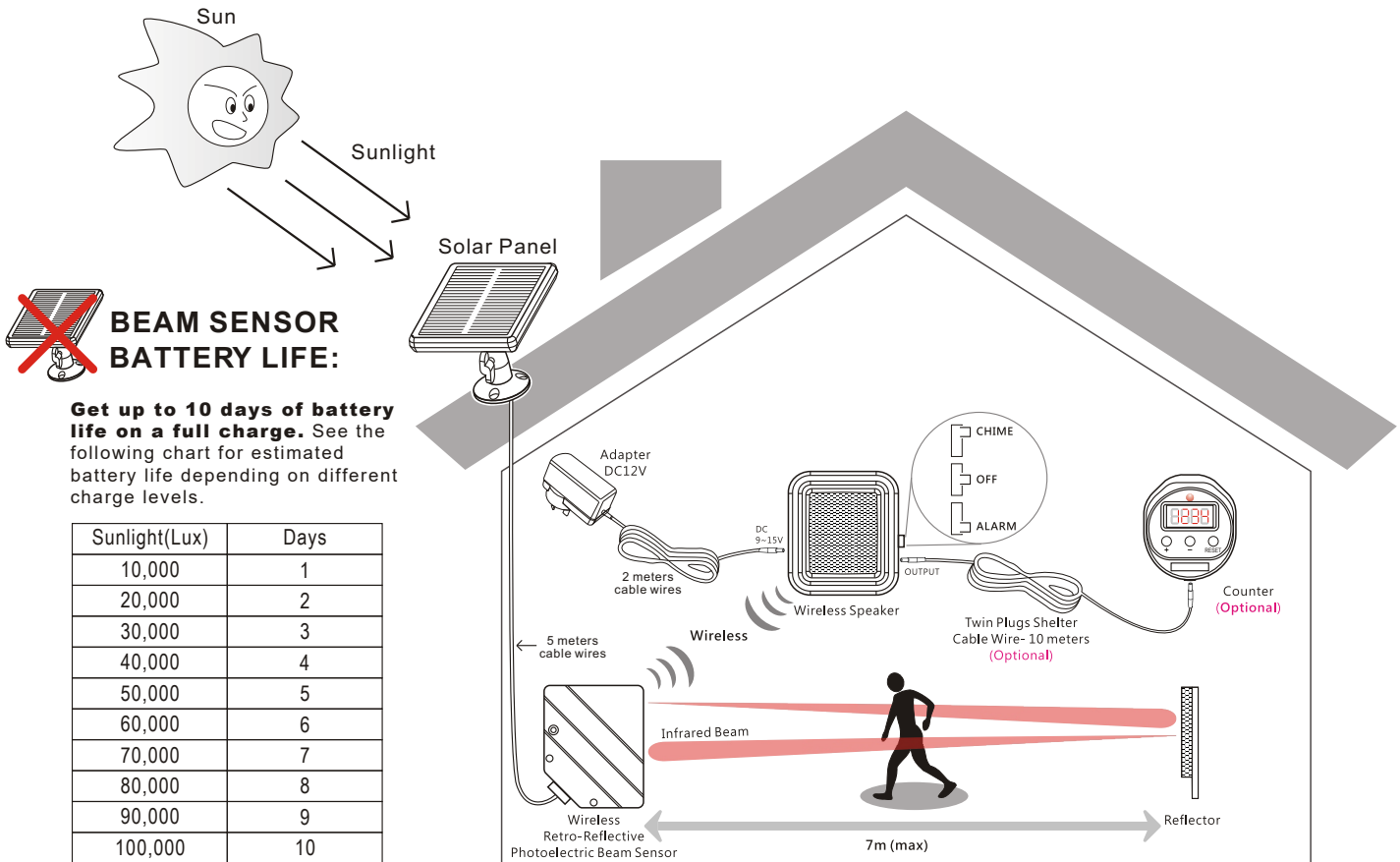
Wireless Door Announcer	
Type	Microprocessor based control unit
Housing	ABS
Radio Frequency	433.92MHz
Coverage Range	100m (Open space)
Volume of Speaker	0 ~ Max (Adjustable)
Chime/Alarm Time	30 sec max. (Adjustable)
Power Supply (Input)	AC/DC Adaptor (100-240VAC/50-60Hz → 12VDC/0.5A)
Power input Jack	DC Jack (φ)5.5mm/2.5mm
Power Supply (Output)	12VDC/130 mA
Power output Jack	Phone Jack (φ)3.5mm
Temperature	0°C ~ 50°C

Solar panel	
Type	0.8W Solar panel
Housing	ABS
Power output wire	DC Plug (φ)5.5mm/2.5mm x (L)5m , Black

4 Digits Counter (Optional)	
Type	4 Digits Counter (Number can be adjusted +/-/Reset)
Housing	ABS
Power Supply	12VDC/130mA (same power source as speaker)
Power input wire	Phone Plug (φ)3.5mm

## Wiring Connection:

The placement of the solar panel plays a vital role in keeping your unit operating at all times. Please make sure the solar panel is installed at a location and angle where it receives sufficient and direct sunlight!

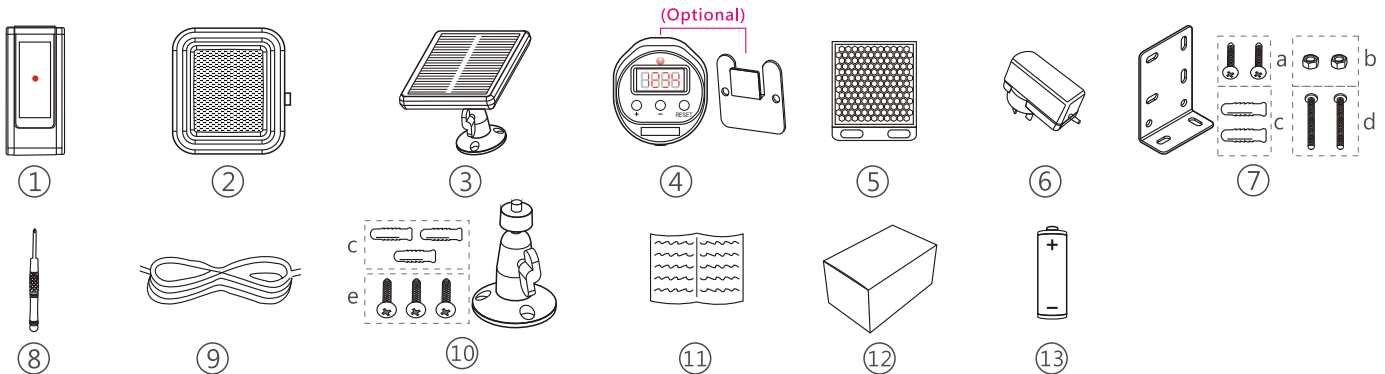


### BEAM SENSOR BATTERY LIFE:

**Get up to 10 days of battery life on a full charge.** See the following chart for estimated battery life depending on different charge levels.

Sunlight(Lux)	Days
10,000	1
20,000	2
30,000	3
40,000	4
50,000	5
60,000	6
70,000	7
80,000	8
90,000	9
100,000	10

## Each unit includes.:



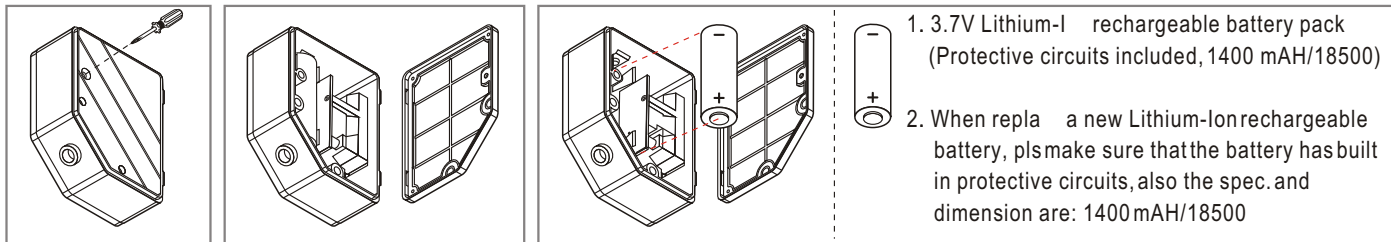
- 1 · Wireless Retro-Reflective Photoelectric Beam Sensor
- 2 · Wireless Speaker (Chime/Alarm Sound selectable)

(Duration and volume of Chime/Alarm adjustable)

- 3 · Solar Panel
- 4 · 4 Digits Counter (optional)
- 5 · Reflector
- 6 · AC/DC Adaptor (Switching Mode)
- 7 · Mounting Bracket & screws for Sensor
- 8 · Screw driver for Duration and volume adjustment of speaker
- 9 · 5 metre cable wires (from Solar Panel to Sensor)  
2 metre cable wires (from Adaptor to Speaker)
- 10 · Mounting Bracket & Screws of Solar Panel
- 11 · Manual
- 12 · Inner box (color or white box)
- 13 · 3.7V Lithium-Ion rechargeable battery pack (protective circuits included, 1400 mAH/18500)

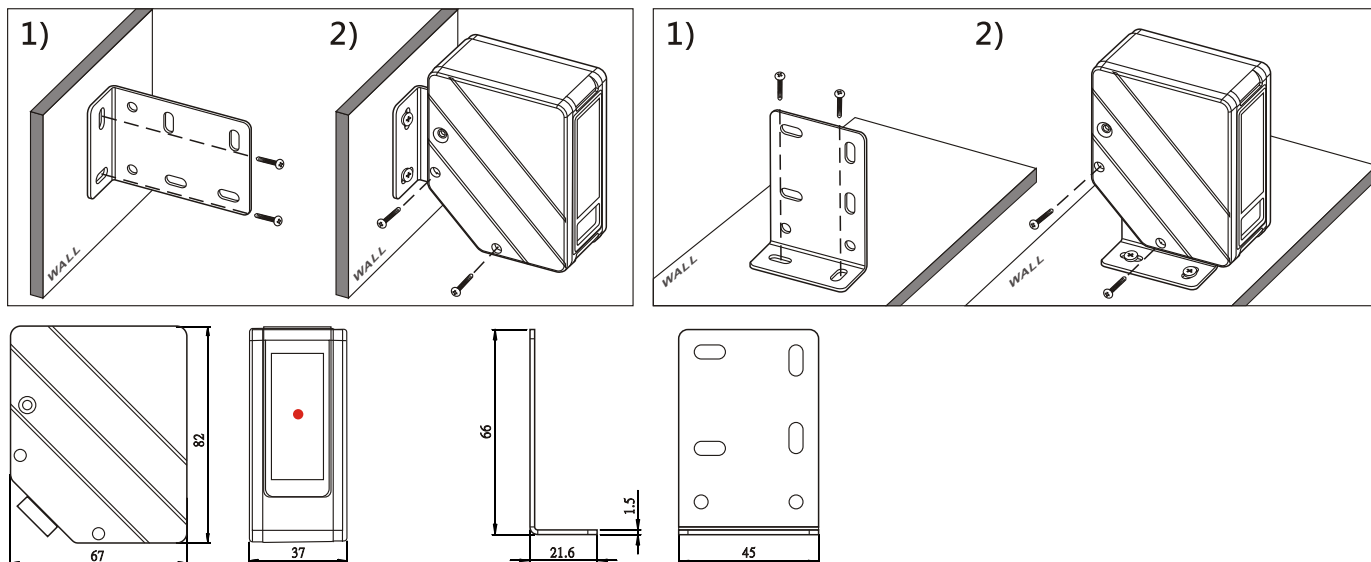
a : 4×19	2 pcs
b : NUTS	2 pcs
c : Wall plug	5 pcs
d : 4×45 NI	2 pcs
e : 4×26	3 pcs

## Standard Installation (Battery Pack)

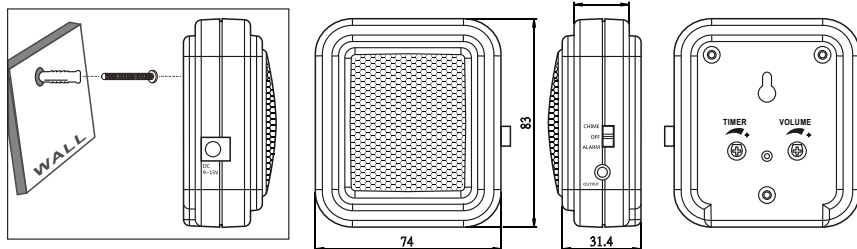


## Introduction to accessories & dimensions:

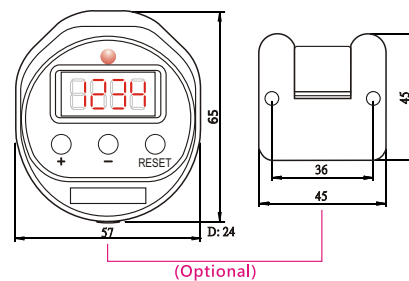
### A · DEA7WL-Photoelectric Beam Sensor & Bracket



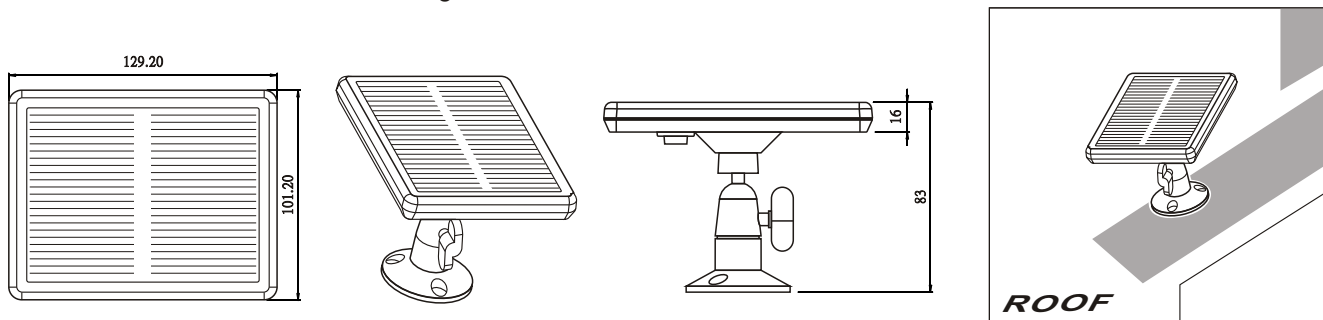
### B · SPK-300: Siren



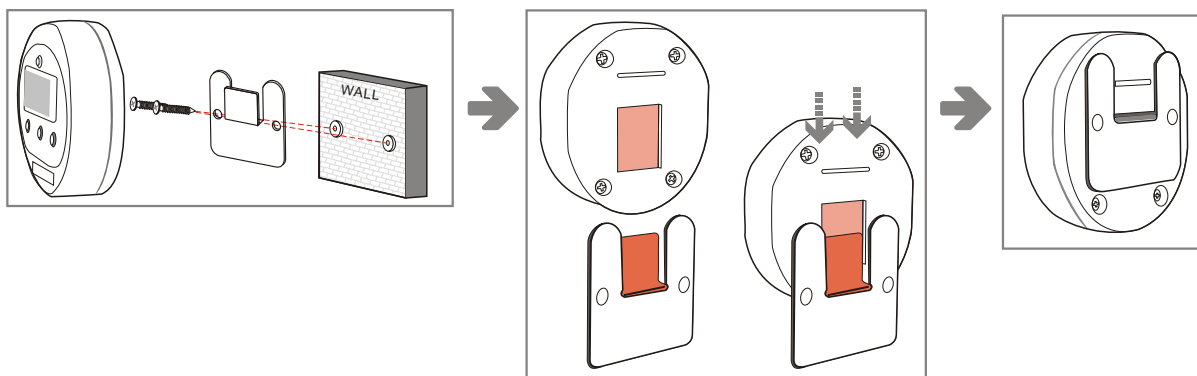
### C · 4 Digits Counter & Bracket



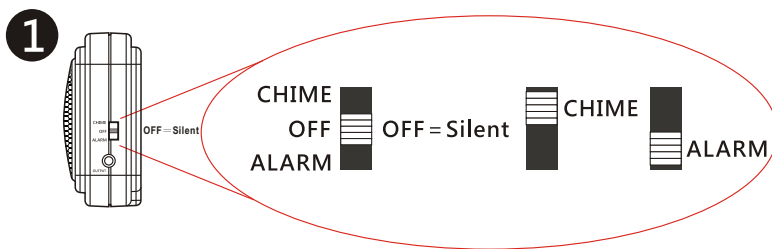
### D · SP-300: Solar Panel & Mounting Bracket



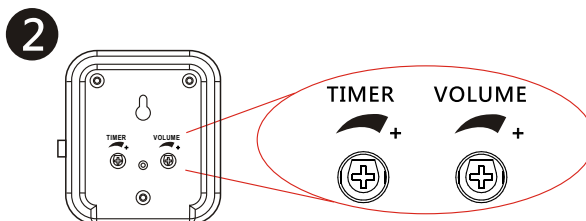
## Standard Installation



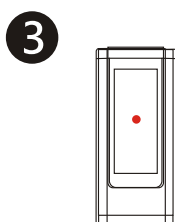
1. Please check that the speaker is switched to the "Chime" or "Alarm" position. (Off=Silent)



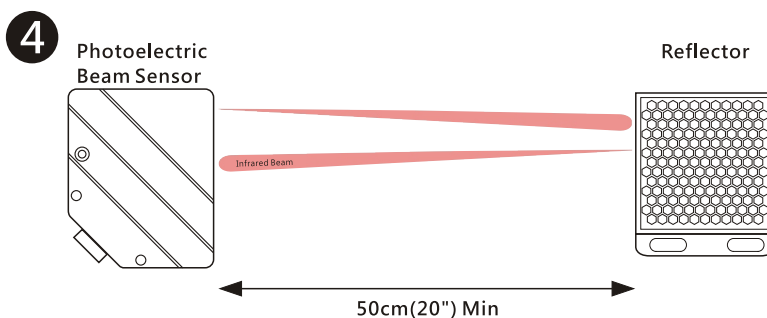
2. Please check that the timer and volume potentiometers are NOT in their min. Position.



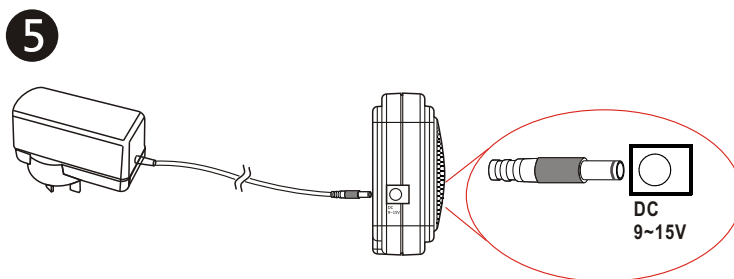
3. The red LED will illuminate when the beam is properly aligned, if the LED is not on please realign the beam.



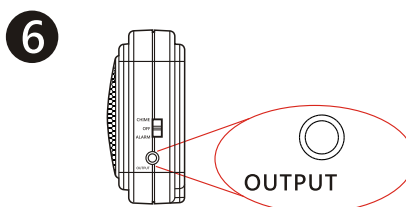
4. The reflector should be mounted a minimum of 50 cm from the sensor otherwise it will be impossible to align the beam properly.



5. Make sure the plug of AC/DC adaptor is inserted into the DC9~15V socket of the speaker.



6. If you have purchased the 4 digits counter (optional), it should be connected to the "OUTPUT" of the speaker via the included 10 m cable.



7. Please use the attached screwdriver in the inner box, Don't use any other size.

