CBA®

RA-4961-DSQ

Wireless Outdoor PIR Sensor

Manual

- For use with RA-4961 series receivers
- Wirelessly monitor driveways, walkways or other areas
- Up to 1,000ft (305m) transmission range*
- Programmable activation time
- Programmable sensing range up to 40ft (12m)
- Runs on batteries for a convenient, wireless installation
- Adjustable mounting angle

* Transmission range will vary depending on installation and operating environment.

SECO-LARM® SLI

RoHS

Specifications:

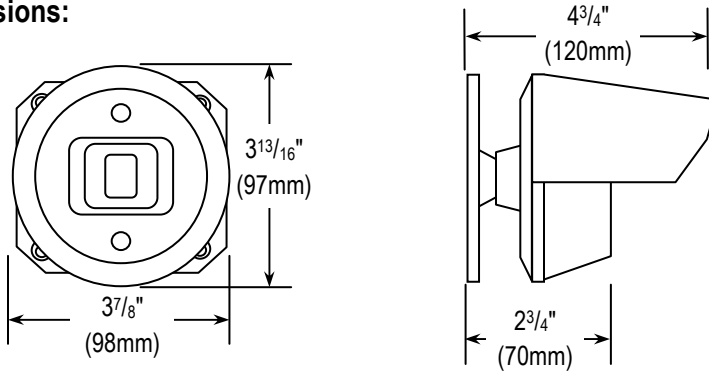| Model number	RA-4961-DSQ
Frequency	914.8MHz
Transmission range*	Up to 1,000ft (305m)
Channels	1
Power supply	4x AA Batteries (Not included)

Current draw	Standby	70µA
	Max	18mA

Estimated battery life	300 days (3 triggers/day)
Low battery indicator	Zone LED on receiver blinks continuously
PIR sensor range	13' (4m) / 23' (7m) / 26' (8m) / 39' (12m)
PIR sensor detection angle	12º (with lens cover) / 15º (without cover)
IP rating	IP45
Operating temperature	-4º~140º F (-20º~60º C)
Dimensions	$3^7/_8$"x$3^{13}/_{16}$"x$4^3/_4$" (98x97x120 mm)

*Transmission range will vary depending on installation and operating environment.

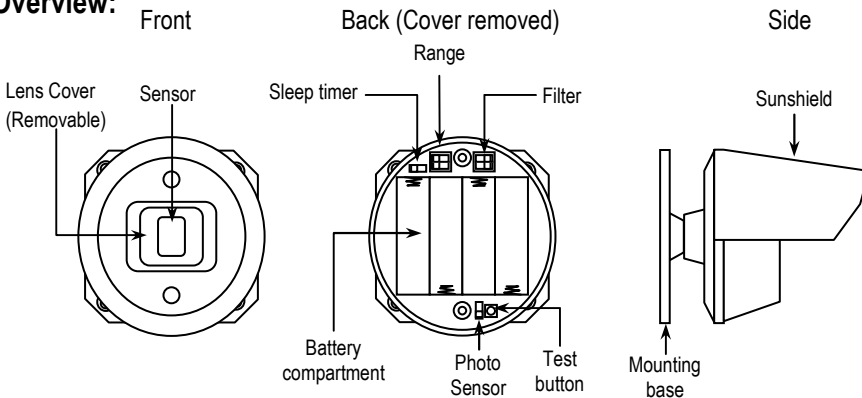## Parts List:

1x Wireless Outdoor PIR Sensor   4x Screws   4x Screw anchors   1x Manual
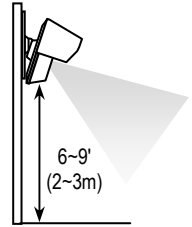
Dimensions:
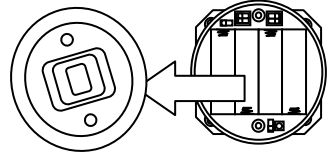

Overview:

Installation:

1. Select the location where the sensor will be mounted.
2. The sensor should be mounted 6~9 feet (2~3 meter) above ground, have a clear view of the desired detection area, and be safe from water.
3. Use the four included mounting screws to mount the sensor to the surface.
4. Point the sensor toward the desired detection area (lens cover can be removed to widen the detection angle).

6~9'
(2~3m)

Programming the Sensor:

Removing the Cover

1. To access programming functions, the cover of the sensor must be removed.
2. Remove the sunshield from the sensor.
3. Using a screwdriver, remove the screws from the front of the sensor and remove the cover.

Programming the DIP Switches

1. Use the DIP Switches to program various functions.
2. Refer to the guide below for DIP switch programming.

Range

Sleep timer — Filter

Photo Sensor

   a. Sleep Timer – The sensor will not reactivate for the set amount of time after the sensor is triggered.

   7s*   30s

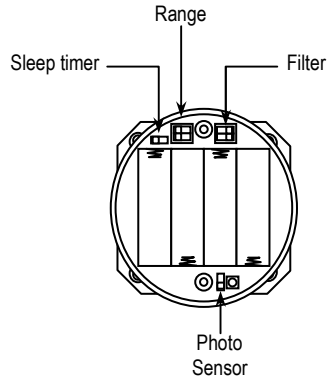   **b. Range –** The range of the sensor can be set for varying installation environments.

   13' (4m)   23' (7m)

   26' (8m)   39' (12m)*

   c. Filter – The detection speed of the sensor can be set for varying object speeds.

   $1.5{\sim}3^{ft}/_s$
   $(0.5{\sim}1^{m}/_s)$ $3{\sim}6^{ft}/_s*$
   $(1{\sim}2^{m}/_s)$

   d. Photo Sensor – When ON the sensor will be inactive during the day or when near a bright light source.
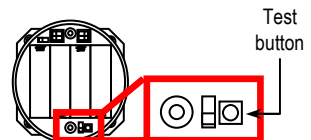
   ON*   OFF

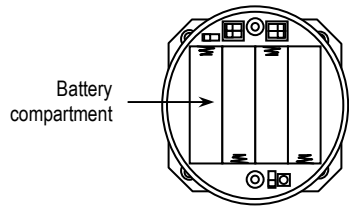*Default Setting

Pairing the Sensor:

1. Follow the pairing instructions for the RA-4961-K1Q receiver or RA-4961-VPQ wireless receiver to enter pairing mode. (Refer to the RA-4961-K1Q or RA-4961-VPQ manual for detailed pairing instructions).

Test button

2. Press the "Test" button. This will activate the sensor for pairing.
3. The receiver will beep once and cycle to the next channel to confirm successful pairing.

CBA Wireless Outdoor PIR Sensor

Installing Batteries:

1. Remove the sunshield from the sensor.
2. Using a screwdriver, remove the screws from the front of the sensor and remove the cover.
3. Place 4x AA batteries (not included) in the battery compartment, making sure to observe correct polarity.
4. Replace the cover and screws.
5. Replace the sunshield.

Battery compartment

Note: Low battery is indicated on the receiver. Refer to the RA-4961-K1Q or RA-4961-VPQ for more information.

Also Available from SECO-LARM:

Wireless Alert System RA-4961-K1Q	**Wireless Vibrating Receiver** RA-4961-VPQ	**Wireless Magnetic Contact** RA-4961-MCQ	**Wireless Pushbutton** RA-4961-PBQ	**Wireless Indoor PIR Sensor** RA-4961-PRQ	**Wireless Mailbox/Tilt Sensor** RA-4961-MBQ

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