

# Residential PIRs

## Detecting motion both inside and out

Resolution has provided motion detection inside the home or business for years. Taking a cue from European markets, Resolution is expanding the monitoring of motion from inside alone, adding the ability to detect exterior motion. Resolution has carefully selected Optex's tried and true FitLink™ Outdoor PIR, which utilizes dual PIR detectors and SDMA logic to provide extremely stable detection, even outdoors with small animals present. This new product compliments the capabilities of Resolution's industry leading indoor PIR.



**Detect motion inside and outside the home**

**Dual PIR beams provide excellent pet immunity**

**Industry-leading RF ranges**



### REx10P PIR PET IMMUNE

- Industry-leading pet immunity and catch performance
- Supports both motion zone and an external contact zone
- Mountable on walls or in corners



### REx53 OPTEx OUTDOOR PIR

- Expand perimeter to exterior of home/business
- Adjustable detection range (2m / 5m)
- Intelligent SDMA logic provides stable detection, even outdoors with small animals
- Horizontal adjustability



### REx10P Indoor Pet Immune PIR Specifications

**Housing Dimensions:**

3.50 x 2.40 x 1.70 inches  
(8.9 x 6.1 x 4.3 cm)

**Weight with Batteries:**

3.2 ounces (91 grams)

**Mounting Hardware:**

3m VHB (Very High Bond) tape  
or screws (both provided)

**Operating Temperature**

32°F to 120°F (0°C to 49°C)

**Pet Immunity:**

Two 60-pound dogs or one 85-pound dog

**Replacement Batteries:**

One Panasonic CR123A

**Nominal Battery Life:**

6 to 8 years

**Battery voltage:**

3.0 VDC (Nominal), 2.2 VDC (Low)

**Optimal Mounting Height:**

7.5 to 9.5 feet (2.3 to 3.0 m)

**Transmitted Indications:**

Cover Tamper, Low battery, Supervisions

**Certifications:**

RE610P: UL639, ULC-S309-03, ETL, FCC, IC  
RE610P-CE: EN 50131-2-2, EN 60950-1, EN 300  
220, EN 301 489, CE Security Grade 1,  
CE Environmental Class 2, RCM



### REx53 Optex Outdoor PIR Specifications

**Housing Dimensions:**

6.94 x 2.07 x 2.66 inches  
(17.6 x 5.3 x 6.8 cm)

**Weight with Batteries:**

7.4 ounces (210 grams)

**Mounting Hardware:**

3m VHB (Very High Bond) tape  
or screws (both provided)

**Operating Temperature**

-4°F to 140°F (-20°C to 60°C)

**Detection Length**

Default: 16.5 feet (5m), Optional: 6.5 feet (2m)

**Detection Speed**

1 to 5 feet per second (0.3 to 1.5 meters per second)

**Replacement Batteries:**

One Panasonic CR123A

**Nominal Battery Life:**

2 to 5 years

**Battery voltage:**

3.0 VDC (Nominal), 2.3 VDC (Low)

**Optimal Mounting Height:**

2.5 to 4 feet (0.8 to 1.2 m)

**Transmitted Indications:**

Motion, Cover Tamper, Wall Tamper, Low Battery,  
Supervision

**Certifications:**

RE653: UL639, ULC-S309, ETL, FCC, IC, RCM  
RE653-CE: EN 50131-2-2, EN60950-1, EN 300 220, EN 301  
489, CE Security Grade 2, CE Environmental Class 2