

Accessory device

Rinho PIR

The Rinho PIR combines a passive infrared sensor with BLE technology for presence and motion detection. With detection range up to 12 meters and 120°×60° angle, it's ideal for alarm systems, smart lighting and occupancy statistics.

7 years battery life.

Presence and motion sensor



Main Features

- ✓ **PIR Sensor:** Infrared presence detection
- ✓ **Wide Angle:** 120° horizontal × 60° vertical
- ✓ **12m Range:** Long distance detection
- ✓ **7 Years:** Ultra long battery life
- ✓ **Extended Battery:** 7 years of continuous operation
- ✓ **Dual Mode:** Detection and people counting

Applications

- ✓ **Intrusion Alarm:** Detection of unauthorized access
- ✓ **Occupancy:** Space usage statistics
- ✓ **Smart Lighting:** Automatic light control
- ✓ **Energy Saving:** HVAC and climate automation

Technical Specifications

- **Connectivity:** BLE (nRF52)
- **Dimensions:** 74.2 x 32.8 x 46.9mm
- **Protection:** IP65
- **PIR range:** 12m maximum
- **Detection angle:** 120° × 60°
- **Battery:** 2×AA Li-SOCl₂ (5200mAh)
- **Battery life:** 7 years
- **BLE range:** 140m
- **Sensors:** PIR + Hall
- **Modes:** Trigger / Counting
- **Certifications:** FCC, CE, RoHS

Compatibility

- Works with Zero IoT, Spider IoT and Smart IoT.