Baseline product line

MotionProtect Outdoor Jeweller

Wireless outdoor motion detector with an anti-masking and pet-immunity



2 GRADE EN 50131

PD 6662 2017

UL® LISTED

IP55

Motion detection

- From 3 to 15 m adjustable detection distance
- LISA and SmartDetect software algorithms to filter false alarms
- Temperature compensation for effective detection in heat and cold
- Pet immunity to animals with height up to 80 cm

System supervision

- The system controls each device state and reports if there is a malfunction or connection loss
- Automatic detector self-diagnosis with state reporting to the hub
- Instant maintenance notifications

Jeweller

communication technology

- Up to 1,700 m of radio communication in an open space and twice as much with a range extender
- Data is encrypted throughout the transmission process
- Regular polling of each system device to display current statuses in apps

Power supply

- Up to 5 years of operation with pre-installed batteries
- In-app low battery warning
- Replaceable CR123A batteries
- Optional 12 V⎓ power supply connection with pre-installed batteries as a backup power source

Sabotage resistance

- Intelligent anti-masking system
- Tamper alarm
- Holding screw to secure the device on SmartBracket
- Device authentication against spoofing

Quick installation and setup

- Pairing with a hub via QR code
- SmartBracket panel to mount the device without disassembling the enclosure
- Hood to protect sensors from rain and snow (sold separately)
- Remote control and configuration in Ajax apps

Superior, **Fibra**, and **Baseline** product lines are mutually compatible. This opens up numerous possibilities for building systems of any configuration.

Compliance

EN 50131 (Grade 2)
PD 6662:2017
UL369, ULC S306

Compatibility

Hubs
Hub Jeweller, Hub Plus Jeweller, Hub 2 (2G) Jeweller, Hub 2 (4G) Jeweller, Hub 2 Plus Jeweller, Hub Hybrid (2G), Hub Hybrid (4G)

Range extenders
ReX Jeweller, ReX 2 Jeweller

Communication with a hub

Jeweller communication technology

Communication range
up to 1,300 m
In an open space

Radio frequency band
866.0–866.5 MHz
868.0–868.6 MHz
868.7–869.2 MHz
905.0–926.5 MHz
915.85–926.5 MHz
921.0–922.0 MHz
Depends on the sales region

Detection

Sensing elements
2 × PIR sensor

Motion detection distance
3–15 m
Adjusted using a scrollbar on the detector's back

Detection angles
horizontal — 90°
vertical — N/A

Sensitivity
3 levels
Adjusted by PRO or user with admin rights in the Ajax app

Pet immunity
height: up to 80 cm
weight: N/A

Power supply

Battery
2 × CR123A
Pre-installed

External power supply
5–28 V⎓, 200 mA
12 V⎓ power supply is recommended to use

Installation

Recommended installation height
from 0.8 to 1.3 m

Operating temperature range
from −25°C to +65°C

Operating humidity
up to 95%

Enclosure

Colour
white

Dimensions
183 × 70 × 65 mm

Weight
322 g

Protection class
IP55

Complete set

MotionProtect Outdoor Jeweller
SmartBracket mounting panel
2 × CR123A battery (pre-installed)
Installation kit
Quick start guide

For detailed information, scan the QR code or follow the link:

ajax.systems/support/devices/motionprotect-outdoor/

support@ajax.systems
@AjaxSystemsSupport_Bot
ajax.systems