

Superior MotionProtect Plus Jeweller

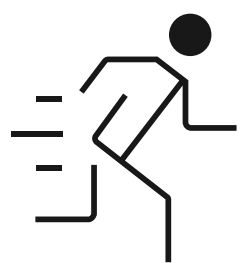
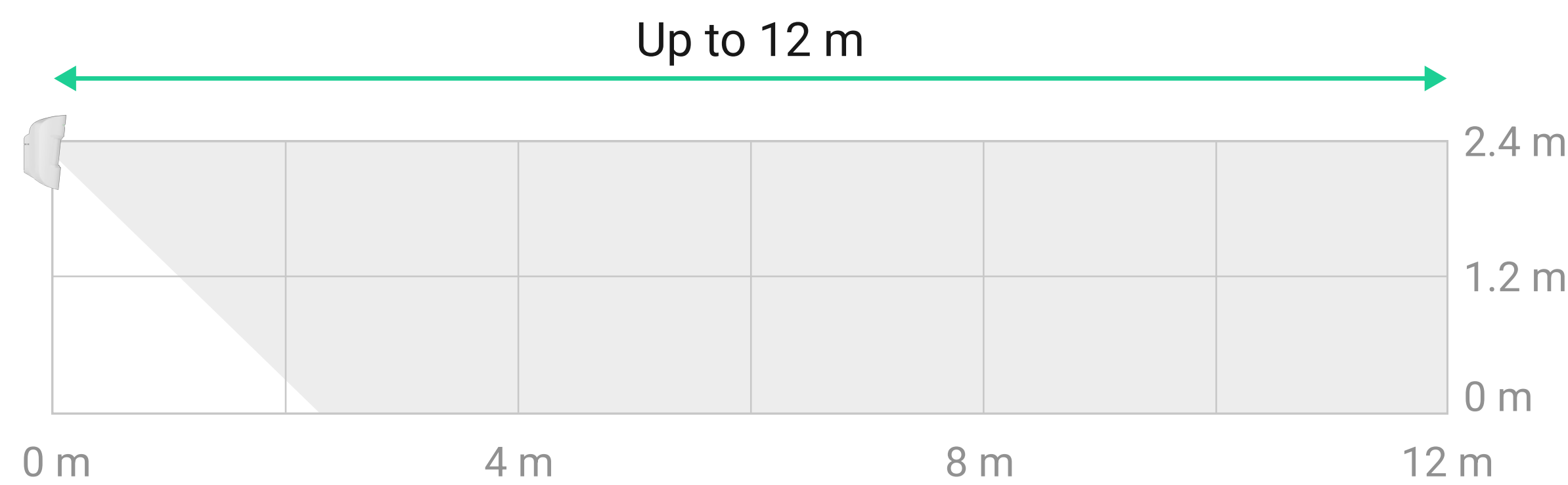
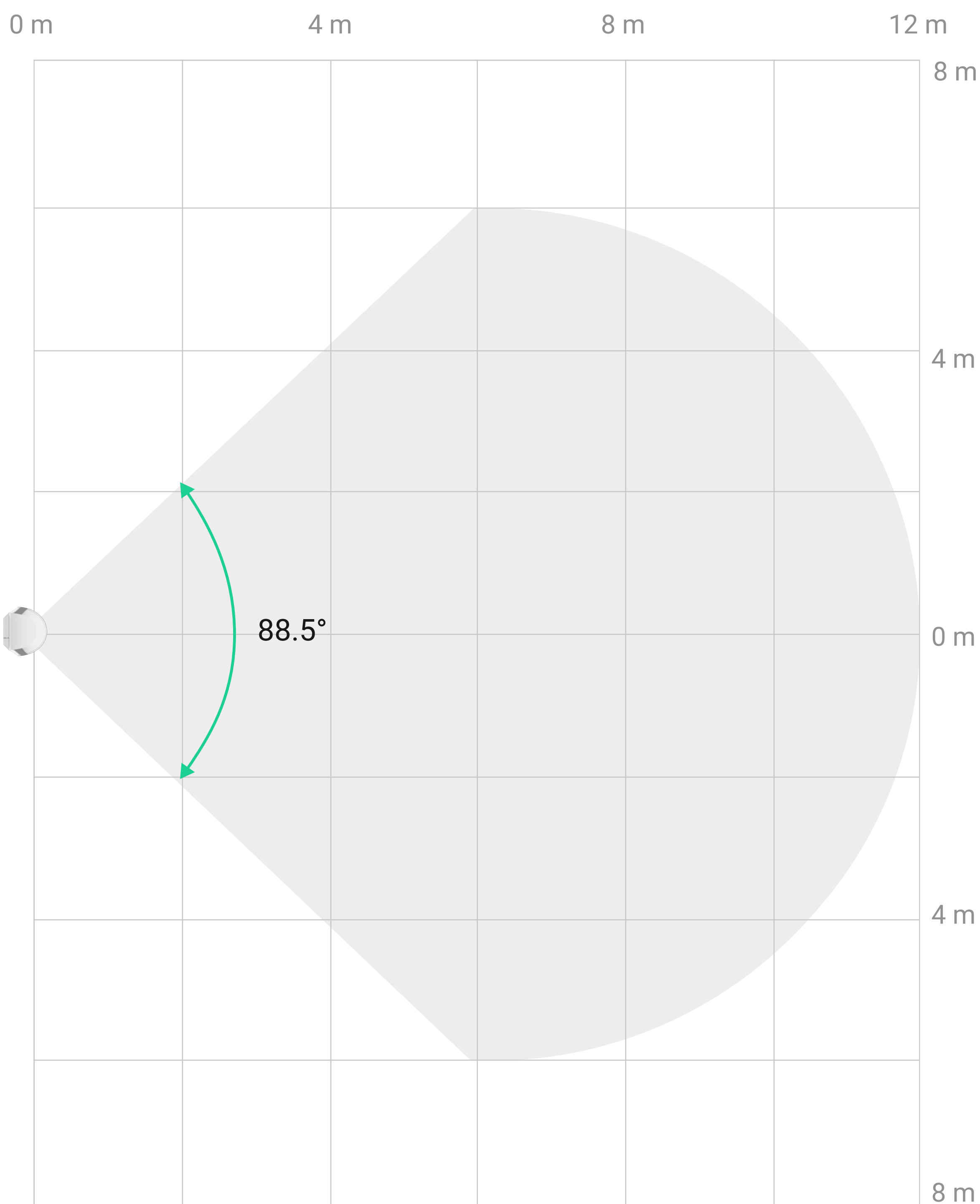
Wireless PIR motion detector
with an additional K-band microwave sensor

- 2
GRADE
EN 50131
- PD 6662
2017
- INCERT
- SSF
- NFA2P

This is a device of the Superior product line. Only accredited Ajax Systems partners can sell, install, and maintain Superior products.

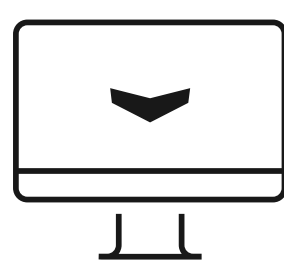


BASELINE MotionProtect Plus Jeweller	SUPERIOR Superior MotionProtect Plus Jeweller
Compliance with international security standards	Compliance with both international and local security standards
SmartBracket mounting panel without holding screw	SmartBracket mounting panel with a holding screw
Standard battery	Enhanced battery for stable operation in any temperature
Glossy enclosure	Matte enclosure
Available to all PROs	Available only to accredited partners



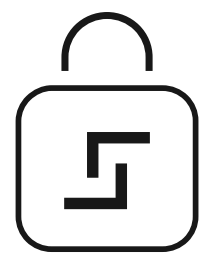
Enhanced motion detection

- PIR and K-band microwave sensors
- Horizontal viewing angle: 88.5°
- Up to 12 m (39 ft) of detection range¹
- Temperature compensation: accurate motion detection from -10 °C to +40 °C (from 14 °F to 104 °F)



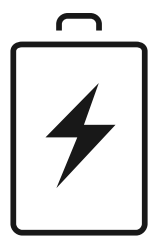
False alarms prevention

- Three sensitivity levels selectable in Ajax apps
- SmartDetect algorithm to prevent false alarms
- Pet immunity to ignore pets weighing up to 20 kg (44 lb) and below 50 cm (1.6 ft) in height



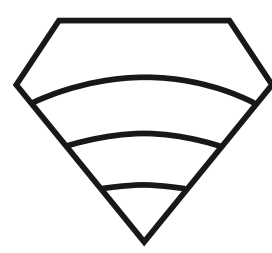
Sabotage protection

- Device authentication to prevent spoofing
- Holding screw to secure the device on SmartBracket
- Tamper button to alert of attempts to detach the detector or remove it from the mounting panel



Enduring performance

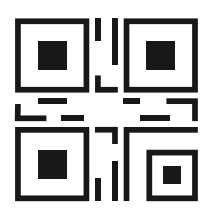
- Up to 5 years of operation on the enhanced battery
- Low battery notifications in Ajax apps
- Replaceable CR123A battery



Jeweller

communication technology

- Up to 1,200 m (3,900 ft) of radio communication range in open space
- Data encryption throughout the transmission process
- Regular polling to display current device states
- Jamming detection and frequency hopping



Hassle-free installation

- SmartBracket panel to mount the device without enclosure disassembly
- Adding to the hub by scanning a QR code
- Remote control and configuration in Ajax apps

Compliance with standards

EN 50131 (Grade 2)
PD 6662:2017
INCERT
SSF
NFA2P

Compatibility with hubs and range extenders

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



ajax.systems/tools/devices-compatibility/?models=MP.SP.J

Communication with a hub or range extender

Jeweller communication technology

Frequency band
868.0–868.6 MHz

Communication range
up to 1,200 m
up to 3,900 ft
In open space

Detection

Sensitive element
1 × PIR sensor
1 × K-band microwave sensor

Three sensitivity levels
selectable in the apps

SmartDetect
digital algorithm for preventing false alarms

Motion detection distance¹
up to 12 m
up to 39 ft
When the detector is installed at a height of 2.4 m (9 ft)

Motion detection angles
horizontal: 88.5°

Motion detection speed
from 0.3 to 2.0 m/s
from 1 to 6.6 ft/s
The detector lens should be aimed perpendicular to a likely route of entry into a facility.

Pet immunity
weight: up to 20 kg (44 lb)
height: up to 50 cm (1.6 ft)

Power supply

Battery
1 × CR123A (pre-installed)

Battery life
up to 5 years

Complete set

Superior MotionProtect Plus Jeweller
SmartBracket mounting panel with a holding screw
CR123A battery (pre-installed)
Installation kit
Quick start guide

Installation

Operating temperature range
from –10 °C to +40 °C
from 14 °F to 104 °F

Operating humidity
up to 75%

Recommended installation height
2.4 m
7.9 ft

Enclosure

Color
white, black

Dimensions
110 × 65 × 50 mm
4.33" × 2.56" × 1.97"

Weight
105 g
3.70 oz

Protection class
IP50, IK04

¹ INCERT certification requires a detection range of up to 10 m (33 ft) at high sensitivity.



For detailed information, scan the QR code or follow the link:
ajax.systems/support/devices/superior-motionprotect-plus-jeweller/



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