

Superior MotionProtect Jeweller

Wireless PIR motion detector

- 2

GRADE

EN 50131
- PD 6662

2017
- INCERT
- SSF
- NFA2P

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



BASELINE MotionProtect Jeweller	SUPERIOR Superior MotionProtect Jeweller
Compliance with international security standards	Compliance with both international and local security standards
SmartBracket mounting panel without a holding screw	SmartBracket mounting panel with a holding screw
Common battery	Enhanced battery
Glossy enclosure	Matte enclosure
Available for all PROs	Available only for accredited partners

Advanced motion detection

- One PIR sensor
- Horizontal viewing angle: 88.5°
- Up to 12 m¹ (39 ft) of detection range
- Temperature compensation: accurate motion detection from -10 °C to +40 °C (from 14 to 104 °F)

Sabotage protection

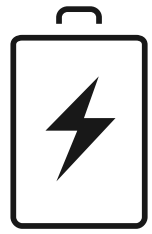
- Device authentication to prevent spoofing
- Holding screw to secure the device on the SmartBracket mounting panel
- Tamper alarm to trigger notifications on attempts to dismantle the device

Seamless user experience

- Three sensitivity levels: selectable in the app
- 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

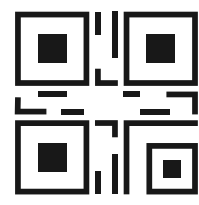
Jeweller communication technology

- Up to 1,700 m (5,550 ft) of radio communication range in open space
- Data encryption throughout the transmission process
- Regular polling to display the current device state
- Jamming detection and frequency hopping




Sustained performance

- Up to 5 years of operation on a pre-installed battery
- Low battery notifications in Ajax apps
- Replaceable CR123A battery



Quick installation and setup

- SmartBracket panel to mount the device without enclosure disassembly
- Adding to the hub by scanning the 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.S.J	Communication with a hub or range extender Jeweller communication technology Frequency band 868.0–868.6 MHz Communication range up to 1,700 m up to 5,550 ft In open space	Detection Sensitive element 1 × PIR sensor Three sensitivity levels selectable in the app SmartDetect digital algorithm for preventing false alarms Motion detection range up to 12 m ¹ 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 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 black, white Dimensions 110 × 65 × 50 mm 4.33" × 2.56" × 1.97" Weight 97 g 3.42 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-jeweller



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