MotionProtect

Wireless pet immune motion detector

MotionProtect detects the first step of a human on the premises but ignores pets, drafts and noise from an air conditioner.

Maximum Performance

- Works up to 1,700 meters from Ajax Hub in open space or across several floors of a business center

- Detects motion up to 12 meters away

- Processes signals digitally

Effortless Operation

- Adjustable to three different sensitivity levels

- Uses our SmartMotion algorithm to avoid false alarms from animals weighing less than 20kg

- Eliminates false alarms from gear and electromagnetic interference using a FresnelTech optical component, made from POLY IR4 material and an Excelitas PIR sensor

- Works under most conditions due to digital temperature compensation

- Two-way communication with Ajax Hub allows for periodic testing and customization

Simple Installation

Connects to Ajax Hub with a single click

The quality of the connection and detection area can be tested remotely

No need to disassemble the body when installing using SmartBracket mounts

Bulletproof Protection

Authentication to prevent forgery

Jamming detection and communication channels encryption

Tampering alarm

Tech Specs

- Color: white/black

- Detector type: wireless

- Use: indoor

- Detecting element: PIR

- Detection angle:
  88.5° horizontal / 80° vertical

- Installation height suggested:
  2.4 m (7.9 ft)

- Pet ignoring option:
  weight up to 20 kg (44 lb), height
  up to 50 cm (19.7 in)

- Temperature sensor: available

- Radio signal power: 20 mW

- Power supply: CR123A battery

- Power supply voltage: 3 V

- Operating temperature range:
  from 0°C (+32°F) to +50°C (+122°F)

- Operating humidity: up to 80%

- Dimensions:
  110x65x50 mm (4.33x2.55x1.96 in)

- Weight: 86 g

⚡ Battery life is up to 7 years

MotionProtect Plus

⊕ Additional microwave sensor

⊕ Filters interference with radio frequency scanning

⊕ Avoids false alarms even in rooms or warehouses
   with active air conditioners and fireplaces

⊖ Battery life is up to 5 years