



Ajax CombiProtect

Combined motion and glass break detector

Ajax CombiProtect detects the first step of a human intruder on the premises, but ignores the motion of pets, drafts and air conditioners. Controls glass integrity in radius of 9 meters from the detector.



Enhanced performance

- Works at the distance of up to 2,000m from Ajax Hub in open space or on the several floors of a business center
- Detects motion at 12 metres
- Detects glass break at 9 metres
- Detects the first human step
- 100% of the signal is processed digitally



Smooth operation

- The detector has 3 sensitivity levels
- SmartDetect detection algorithm does not react on animals weighing under 20 kilos
- FresnelTech optical component made from POLY IR4 material and hi-end Excelitas pirosensor eliminate alarms from glares and electromagnetic interference
- Digital temperature compensation ensures independence from climate conditions
- Two-factor glass break detection by high and low frequencies
- Two-way communication with the Hub for testing and customization
- Battery life — up to 5 years



Protection from failures and sabotage

- Authentication of the detector to protect from fraud
- The body is tamper proof
- Response from detectors is checked every 12-300 seconds (adjustable)
- Encrypted communication, identification and prevention of jamming



Simple professional-level installation

- No need to disassemble the body when installing on SmartBracket mount
- Connection quality and detection area can be tested from a remote location
- Connects to Ajax Hub in one click with the help of a QR-code
- Can work with an outside security system through Ajax integration modules (uartBridge and ocBridge/ocBridge Plus)

Tech specs

- Colours: White/Black
- Detector type: Wireless
- Use: Indoor
- Movement detection distance: Up to 12 m (39.4 ft)
- Movement and glassbreak sensitivity: 3 levels adjustable (low, medium, high)
- Movement 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)
- Glassbreak detection distance: Up to 9 m (29.5 ft)
- Detecting element: Pyrosensor (movement), electret microphone (glass break)
- Tamper protection: Available
- Radio signal power: 20 mW
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Maximum distance between detector and central unit: Up to 2000 m (6552 ft) (in open area)
- Power supply: CR123A battery
- Power supply voltage: 3 V
- Battery life: Up to 5 years
- 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)