

MotionProtect Curtain

Narrow beam indoor motion detector.
Protects windows, doors, and valuables

Detects motion with a range of up to 15 meters	Works up to 3 years on the pre-installed battery	Transmits alarms at a distance of up to 1,700 meters away from the hub
--	--	--

Reliable perimeter protection

At home

With the MotionProtect Curtain detectors, you can secure the perimeter of your house and freely move indoors. If a stranger breaks in, the system will raise an alarm and call the security company.

In a garage

Burglars won't get through the garage door undetected when MotionProtect Curtain is in action. The curtain detector will continue to operate even if the temperature drops to -10°C .

At a museum

The visitors can stroll the exhibits as they please. But if they cross the line and reach towards an artwork, an alarm will be raised.

In a pet-friendly apartment

When installed correctly, MotionProtect Curtain keeps your private property safe and ignores the pets, even if they are Saint Bernards.

Proprietary optical technology

To create MotionProtect Curtain, we've developed an optical system of two infrared sensors and a multifaceted mirror. This system allows the detector to receive twice as much information about what is going on in the protected area and instantly react to human presence.

Rapid reaction to threats

Whether the intruder is running or sneaking — MotionProtect Curtain is always on duty. As soon as they enter its field of view, the detector analyzes signals from both PIR sensors and immediately sends an alert.

Reliable radio communication

MotionProtect Curtain connects to the hub through radio communication at a distance of up to 1,700 meters. Jeweller, the proprietary two-way communication protocol protects data transmissions with advanced encryption. In case of interference or jamming, Ajax security system switches the frequency and alerts you and your dedicated alarm response company.

Set up in 2 minutes

MotionProtect Curtain connects to the security system via Ajax app: scan the QR code, add the detector to the room, and proceed to installation.

- QR code for simple connection
- SmartBracket mount for quick set up
- Mobile application for configuring and testing

Technical specifications

Classification	Radio-interlinked photoelectric security detector
Type of detector	Wireless
Installation	Indoors only
Compatibility	Operates with all Ajax hubs , and range extenders
Sensing element	Two PIR sensors
Alarm signal delivery time	0.15 seconds
Motion detection distance	Up to 15 m
Detection angles	Horizontally—6° Vertically—90°
Sensitivity	Adjustable, 3 levels
Recommended installation height	2.4 meters
Power supply	Battery: CR123A Power supply voltage 3 V Battery life: up to 3 years
Jeweller radio technology	Communication range with detectors — up to 1,700 m in an open space Two-way communication between devices Operating frequencies — 868.0-868.6 MHz Self-adjusting RF output power — up to 20 mW Block encryption based on AES algorithm Detector polling period — 12–300 s Frequency hopping
Temperature sensor	Available

Operating temperature range	From -10°C to +40°C
Operating humidity	Up to 95%
Anti-sabotage	Fraud protection Jamming notification Tamper-resistant
Remote configuration and testing	+
Protection class	IP54
Dimensions	134x44x34 mm
Weight	118 g
Warranty	Replacement and repair for a period of 24 months from the date of sale. The warranty does not cover batteries. Learn more >
Complete Set	MotionProtect Curtain motion detector SmartBracket mounting panel CR123A batteries (pre-installed) Bracket Installation kit User's guide