
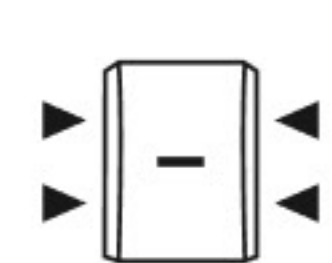


DualCurtain Outdoor

DualCurtain Outdoor is a wireless bidirectional curtain-type motion detector. With two PIR sensors on each side, the DualCurtain Outdoor detection zone reaches 30 meters, effectively protecting windows, doors, archways, fences, and shopfronts.

The Ajax hub is required for operation
Find the list of compatible hubs on the official website

 ajax.systems/support/devices/dualcurtain-outdoor



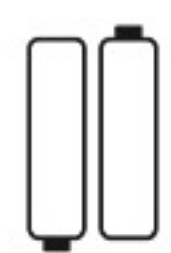
Independent detection zone for each side



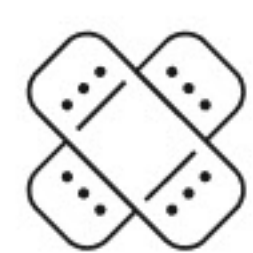
Optional near area detection



Pet immunity



Up to 4 years of operation from batteries



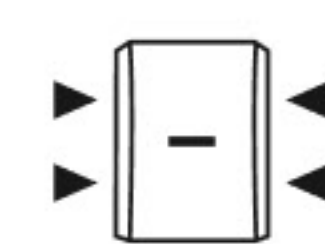
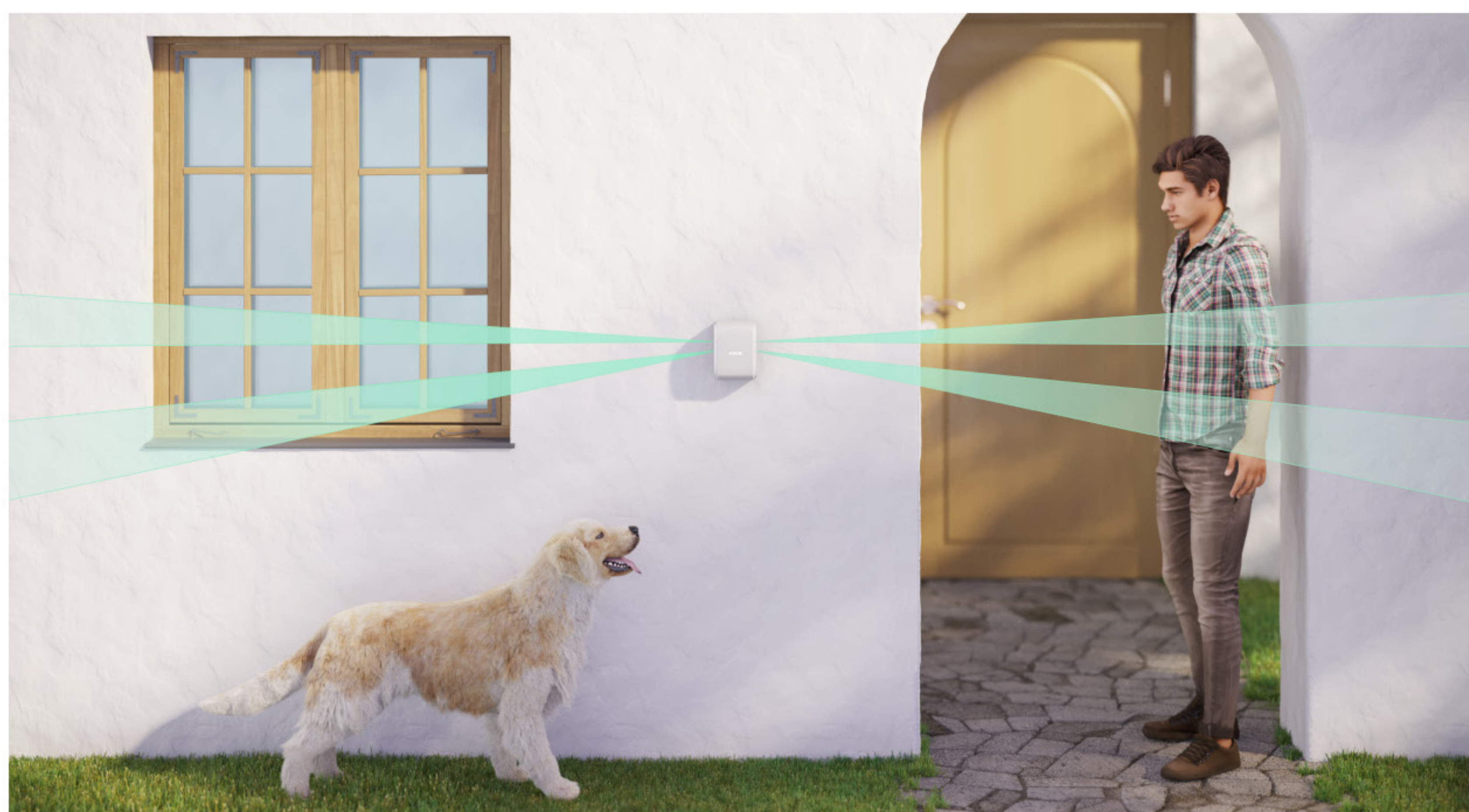
Anti-masking protection



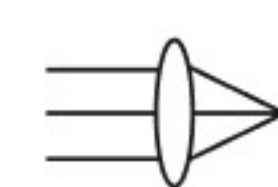
Communication with the hub at a distance of up to 1,700 m

Accurate threat detection

DualCurtain Outdoor is equipped with two independent PIR sensors and advanced optics on each side. The alarm activates if both sensors on a side detect motion. In combination with software algorithms, this prevents false alarms caused by pets and natural interferences. Temperature compensation allows DualCurtain Outdoor to detect motion effectively throughout the operating temperature range.



Up to 15 m coverage each side



Advanced optics



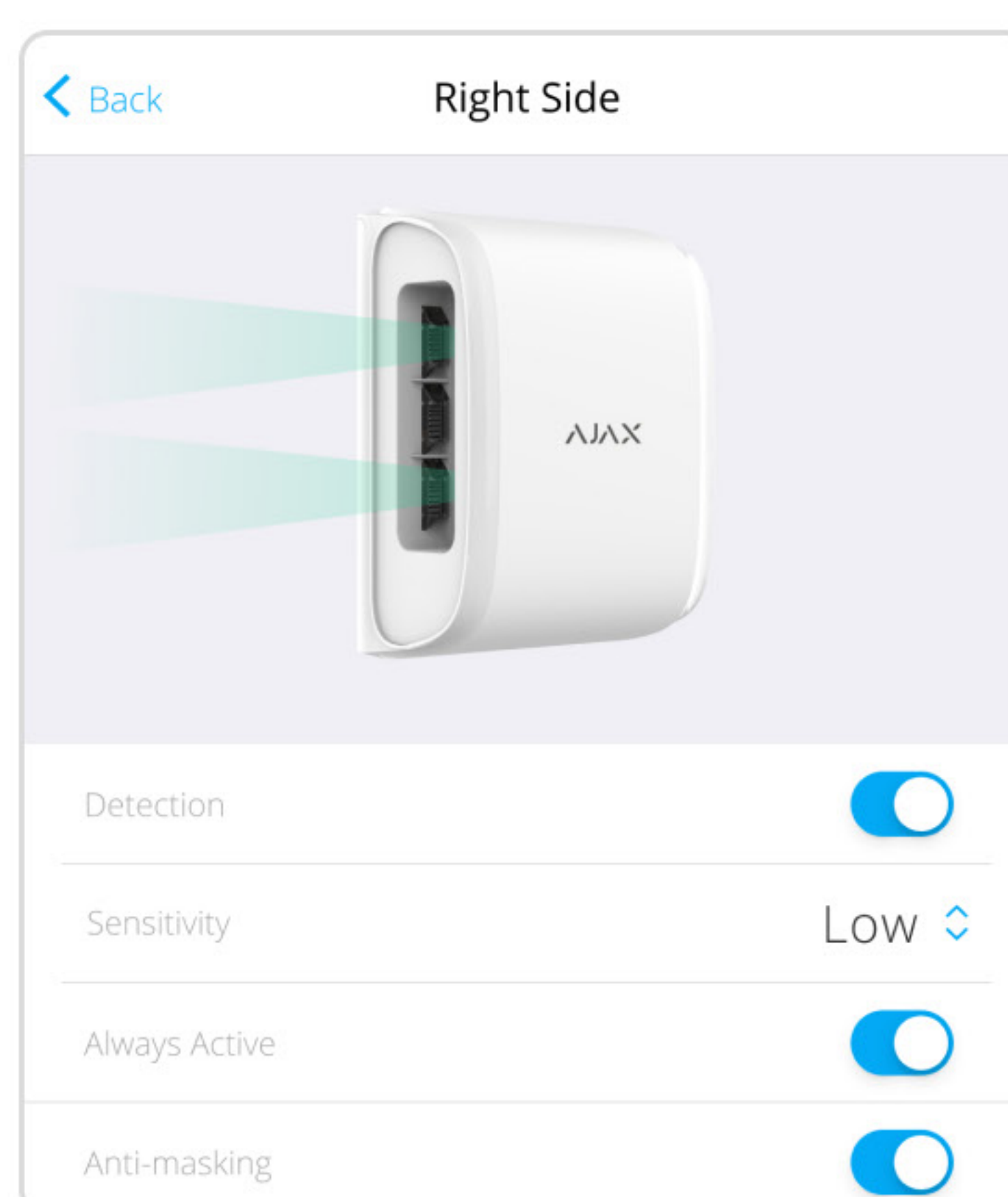
Pet immunity



Temperature compensation

Flexible settings

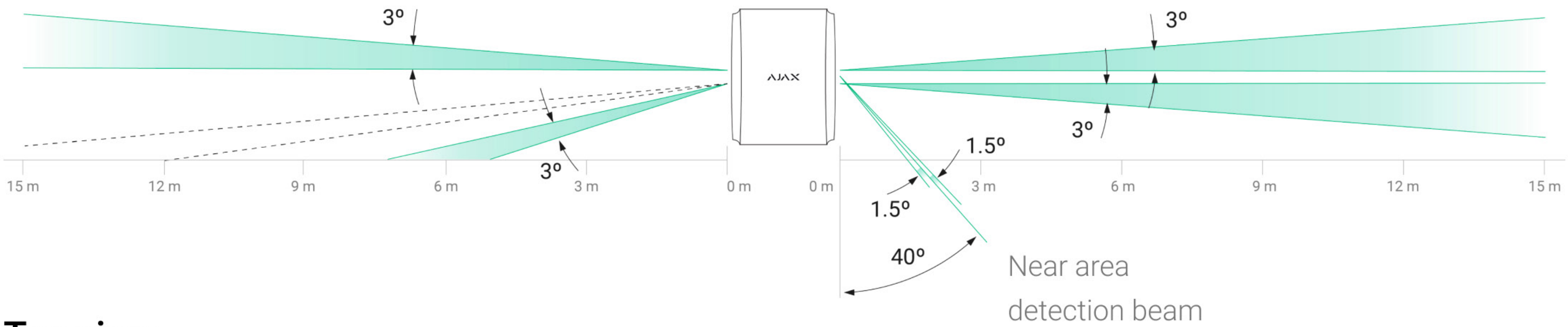
DualCurtain Outdoor is configured both with toggles on the detector and in the Ajax app. By switching toggles, an installer adjusts the detection zone. In the app, an installer can set up sensitivity, delays, disable particular side, configure sirens reaction or an automation scenario for the detector alarm. Alarms are displayed in notifications and event feed separately for each side of the detector.



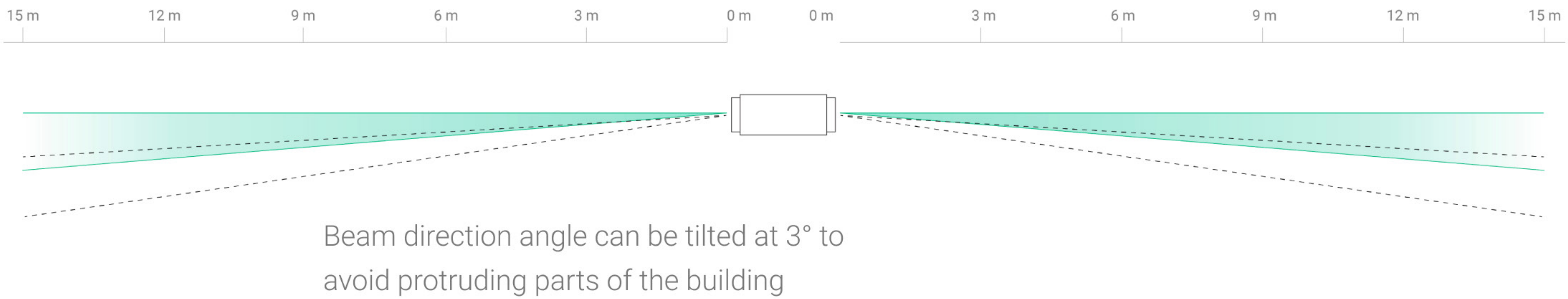
Each side of DualCurtain Outdoor has adjustable detection zone distance and direction. They help to adjust the detector according to the architecture and ensure accurate threat detection.

DualCurtain Outdoor features a unique technology to expand the detection area. When **Near Area Detection** is enabled, the upper IR sensor gains an additional narrow field of view directed at an angle of 40° downward. The Near Area Detection feature is available for both detector sides.

Side view

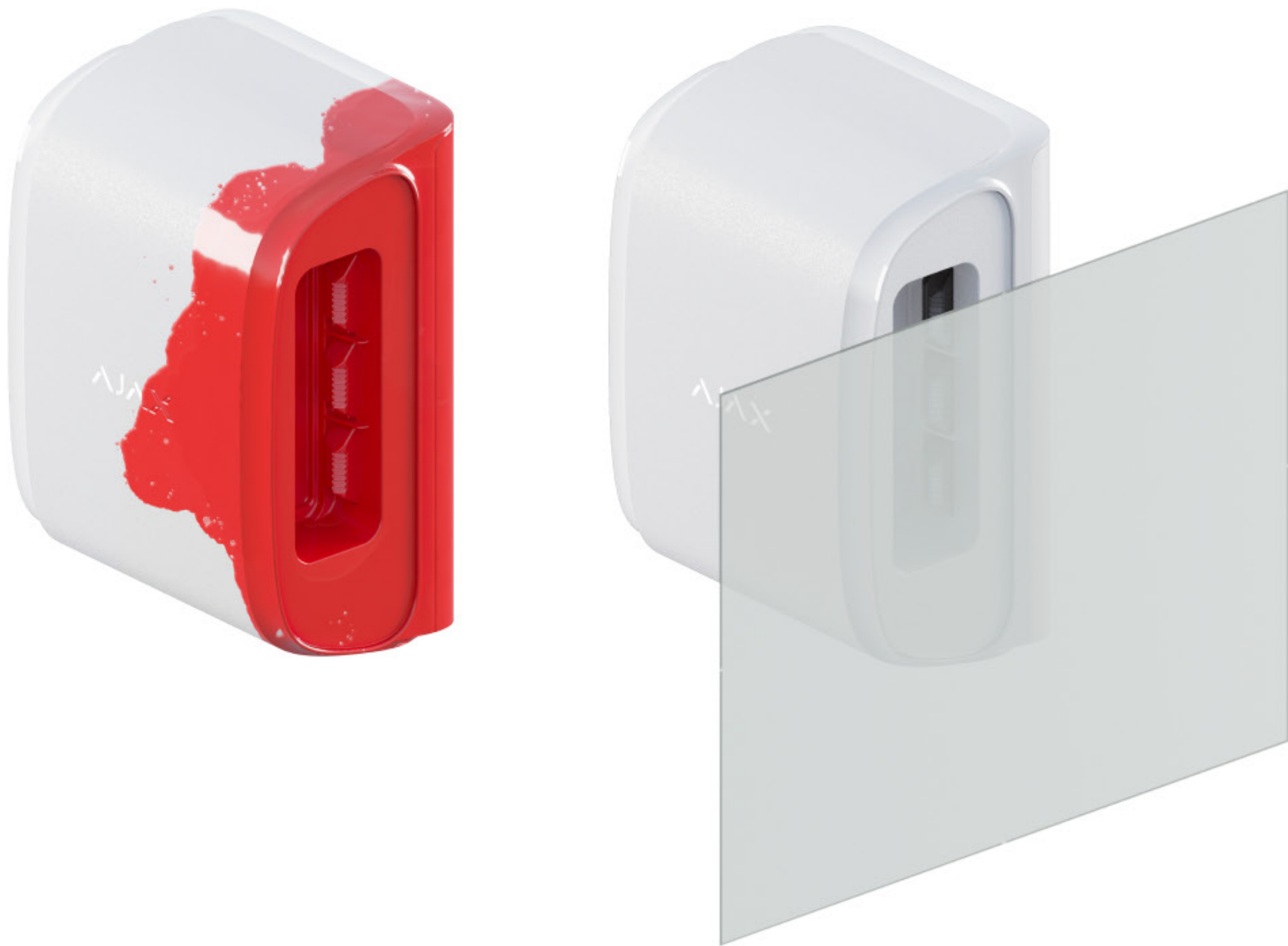


Top view



Comprehensive sabotage protection

DualCurtain Outdoor features an anti-masking system that alerts of covering the detector view in 180 seconds. The detector is also equipped with a tamper button that instantly notifies of detaching DualCurtain Outdoor from the surface. The system needs less than a minute to detect communication loss with the detector.



Guaranteed alarm delivery

We've developed the Jeweler radio protocol to ensure system communication. The radio protocol uses frames to synchronize device communications, authentication to prevent forgery, and encryption to protect against hacking.

Two-way communication
at a distance of
1,700 meters

5 ReX
radio signal range
extenders in the system

Adjustable ping from
12 seconds

Tech Specs

Color	white	Installation	Outdoor/Indoor
Detection distance	up to 15 m (each side)	Power supply	2 x CR123, 3 V
Sensitivity	low/normal/high	Battery life	up to 4 years
Radio communication range	up to 1,700 m	Operating temperature range	from –25°C to +60°C
Communication protocol	Jeweller Two-way encrypted communication	Operation humidity	up to 95%
Frequency band	868,0–868,6 MHz (depends on the region of sale)	Dimensions	174 x 123 x 88 mm
Compliance	Grade 2 EN 50131 PD 6662:2017	Weight	615 g
Environmental class	IV – Outdoor – General	Fixing	SmartBracket
Complete set	DualCurtain Outdoor SmartBracket mounting panel 2 x CR123 batteries (pre-installed) Installation kit Quick start guide		