

# AJAX



## 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



Independent detection zone for each side



Optional near area detection



Pet immunity



Up to 4 years of operation from batteries



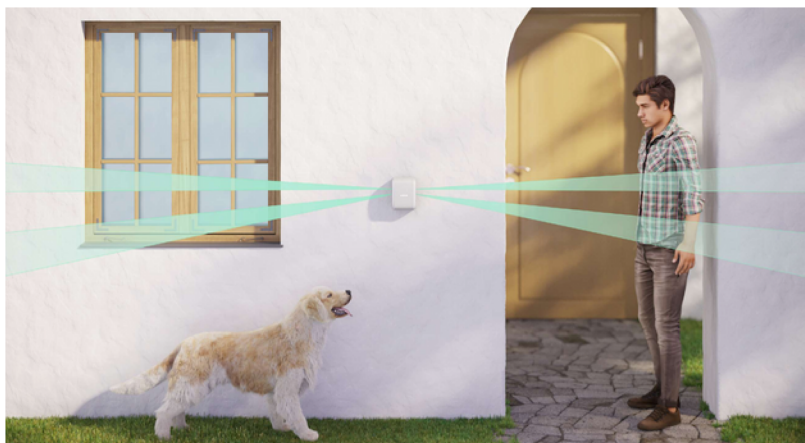
Anti-masking protection



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



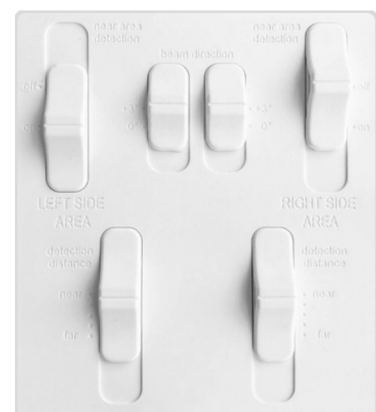
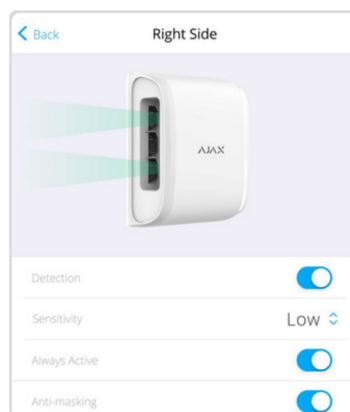
Pet immunity



Temperature compensation

## Flexible settings

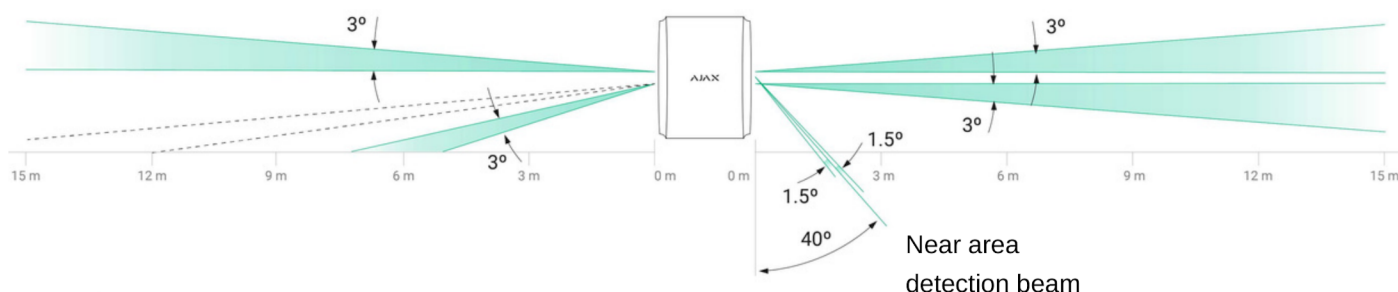
DualCurtain Outdoor is configured both with toggles on the detector and in the Ajax app. By switching toggles, an installer adjusts the detection zone. In the app, an installer can set up sensitivity, delays, disable particular side, configure sirens reaction or an automation scenario for the detector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



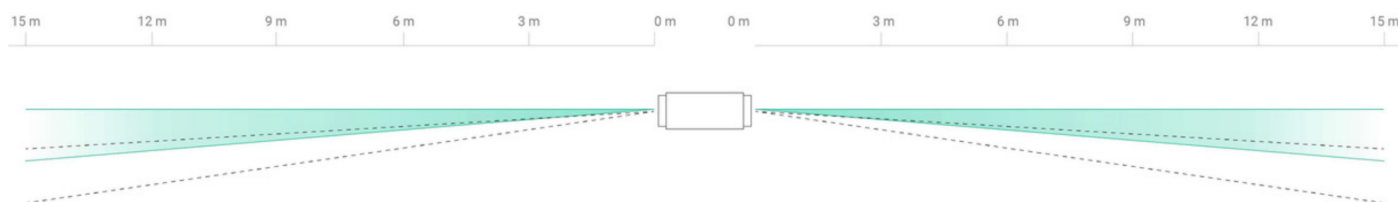
Each side of DualCurtain Outdoor has adjustable detection zone distance and direction. They help to adjust the detector according to the architecture and ensure accurate threat detection.

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



Beam direction angle can be tilted at 3° to avoid protruding parts of the building

## Comprehensive sabotage protection

DualCurtain Outdoor features an anti-masking system that alerts of covering the detector view. 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.<sup>1</sup>



Jeweller

## 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
Detection distance	up to 15 m (each side)
Sensitivity	low/normal/high
Radio communication range	up to 1,700 m
Communication protocol	Jeweller Two-way encrypted communication
Frequency band	868.0–868.6 MHz <sup>2</sup>
Compliance	Grade 2 EN 50131 PD 6662:2017 <sup>3</sup>
Environmental class	IV – Outdoor – General
Complete set	DualCurtain Outdoor SmartBracket mounting panel 2 x CR123 batteries (pre-installed) Installation kit Quick start guide

Installation	Outdoor/Indoor
Protection class	IP54
Power supply	2 x CR123, 3 V
Battery life	up to 4 years
Operating temperature range	from –25°C to +60°C
Operation humidity	up to 95%
Dimensions	174 x 123 x 88 mm
Weight	615 g
Fixing	SmartBracket

<sup>1</sup> depends on the hub-detector ping settings  
<sup>2</sup> when installed indoors  
<sup>3</sup> depends on the region of sale