

# Tech specs

<b>Classification</b>	Radio-interlinked photoelectric security detector
<b>Type of detector</b>	Wireless
<b>Motion detection distance</b>	Adjustable (from 6 to 15 meters)
<b>Installation method</b>	Indoors only
<b>Compatibility</b>	Operates with all Ajax hubs and range extenders
<b>Sensing element</b>	Two PIR sensors
<b>False alarm reduction</b>	Available
<b>Alarm signal delivery time</b>	0.15 seconds
<b>Detection angles</b>	Horizontally — 6° Vertically — 90°
<b>Time for motion detection</b>	From 0.3 to 2 m/s
<b>Sensitivity</b>	Adjustable, 3 levels
<b>Recommended installation height</b>	2.4 meters
<b>Power supply</b>	Battery: CR123A, 3 V
<b>Battery life</b>	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

Radio frequency bands:

866.0 – 866.5 MHz

868.0 – 868.6 MHz

868.7 – 869.2 MHz

905.0 – 926.5 MHz

915.85 – 926.5 MHz

921.0 – 922.0 MHz

(depends on the region of sale)

Self-adjusting RF output power — up to 20 mW

Block encryption based on AES algorithm

Detector polling period — 12–300 s

Frequency hopping

<b>Temperature sensor</b>	Available
<b>Operating temperature range</b>	From -10°C to +40°C
<b>Operating humidity</b>	Up to 95%
<b>Anti-sabotage</b>	Fraud protection Jamming notification Tamper-resistant
<b>Remote configuration and testing</b>	+
<b>Protection class</b>	IP54
<b>Dimensions</b>	134 × 44 × 34 mm
<b>Weight</b>	118 g
<b>Complete Set</b>	MotionProtect Curtain motion detector SmartBracket mounting panel CR123A batteries (pre-installed) Bracket Installation kit User's guide