

MotionProtect Plus Fibra

Wired PIR motion detector with additional K-band microwave sensor to filter thermal interferences

Compatibility	Compatible hub models <ul style="list-style-type: none">• Hub Hybrid (2G)• Hub Hybrid (4G) Compatible range extenders <p>Range extenders with Fibra devices support will be soon added to the Ajax product line.</p>
Communication	Fibra communication technology <p>Proprietary wired communication technology. Fibra combines the reliability of wires with the freedom of radio connection.</p> <p>It features:</p> <ul style="list-style-type: none">◇ Two-way communication.◇ Advanced anti-sabotage.◇ Instant notifications.◇ Remote configuration via the app. Bus connection <p>4-core cable</p> Bus line length <p>up to 2,000 meters/up to 6,500 ft When using the U/UTP cat.5 twisted pair.</p>
Detection	Sensing elements <ul style="list-style-type: none">• 1 × PIR sensor• 1 × K-band microwave sensor <p>When the device detects motion, it conducts an additional RF scan to eliminate false alarms due to thermal interference: air flows, heated curtains and blinds, fans, fireplaces, air conditioners, and other likely sources of false alarms.</p> Motion detection distance <ul style="list-style-type: none">• up to 12 meters When installed at 2.4 meters height.• up to 39 ft When installed at 7.9 ft height.

	<p>Motion detection angles</p> <ul style="list-style-type: none"> horizontal – 88.5° vertical – 80° <p>Motion detection speed</p> <ul style="list-style-type: none"> from 0.3 to 2.0 m/s from 1 to 6.6 ft/s <p>The direction of the detector lens should be perpendicular to the intended path of entry into the room.</p> <p>Sensitivity 3 levels Sensitivity can be adjusted by PRO or user with admin rights in the Ajax app.</p> <p>Pet immunity</p> <ul style="list-style-type: none"> up to 20 kg up to 50 cm height up to 44 lb up to 1.6 ft height <p>False alarm prevention</p> <ul style="list-style-type: none"> SmartDetect Software algorithm. <p>K-band microwave sensor To verify PIR sensor alarms.</p> <p>Temperature compensation</p> <ul style="list-style-type: none"> Effective motion detection within –10°C to +40°C range. Effective motion detection within 14°F to 104°F range.
Anti-sabotage protection	<p>Tampering alarm Alerts of attempts to detach the detector from the surface or remove the mounting panel.</p> <p>Protection against forgery Device authentication</p>
Power supply	<p>Fibra line power supply 24 V$\overline{=}$, up to 50 μA The detector is powered by the control panel.</p>

Enclosure	Dimensions 110 × 65 × 50 mm/4.33" × 2.56" × 1.97" Weight 96 g/3.39 oz Operating temperature range from -10°C to +40°C/from 14°F to 104°F Operating humidity up to 75% Protection class IP50
Colours	<ul style="list-style-type: none"> • Black • White
Complete set	<ul style="list-style-type: none"> • MotionProtect Plus Fibra • SmartBracket mounting panel • Installation kit • Quick Start Guide
Additional information	Warranty 24 months