

# Superior MotionProtect Plus G3 Fibra

Wired IR motion detector with an additional K-band microwave sensor and anti-masking system

<b>Communication</b>	<p><b>Fibra communication technology</b> Proprietary wired communication technology to transmit commands, alarms, and events.</p> <p>Key features:</p> <ul style="list-style-type: none"><li>• Two-way communication.</li><li>• Advanced anti-sabotage.</li><li>• Instant notifications.</li><li>• Remote control and configuration in Ajax apps.</li></ul> <p><b>Line connection</b> 4-core cable</p> <p><b>Connection</b> to any point of the Fibra line The device can be installed behind the hub, detector, keypad, or siren.</p> <p><b>Fibra line length</b> up to 2,000 m up to 6,550 ft When using the U/UTP cat.5 twisted pair cable.</p> <p><b>Encrypted communication</b> All stored and transmitted data are protected by block encryption featuring a dynamic key.</p>
<b>Detection</b>	<p><b>Sensitive elements</b> 1 × PIR sensor 1 × K-band microwave sensor Operating frequency: 24 GHz.</p> <p><b>Motion detection distance</b> up to 15 m up to 49 ft When installed at a height of 2.4 m. When installed at a height of 7.9 ft.</p> <p><b>Reduced blind zone</b> up to 0.5 m up to 1.6 ft Detects a crawling person at a distance of 50 cm from the detector. Detects a crawling person at a distance of 1.6 ft from the detector.</p> <p><b>Motion detection angles</b> horizontal: 90° vertical: 71°</p> <p><b>Motion detection speed</b> from 0.1 to 4.0 m/s from 0.3 to 13.1 ft/s The direction of the detector sensors should be perpendicular to an alleged intrusion path into the facility.</p> <p><b>False alarm prevention</b></p> <ul style="list-style-type: none"><li>• Dual motion detection technology</li><li>• SmartDetect</li></ul>

	<p>Software algorithm.</p> <p><b>Temperature compensation</b> Effective motion detection at temperatures from –10 °C to +40 °C. Effective motion detection at temperatures from 14 °F to 104 °F.</p> <p><b>Self-test of sensitive elements</b> The device checks its sensors' state and notifies if any malfunction is detected.</p>
<b>Recommendations</b>	<p>It is recommended to install the detector at a height of 2.4 m. It is recommended to install the detector at a height of 7.9 ft.</p> <p>The <b>pet immunity</b> feature is not available for this device.</p> <p>The device is designed for indoor use only.</p>
<b>Sabotage protection</b>	<p><b>Tamper alarm</b> 3 tampers Notifications on attempts to detach the detector from the surface or unlock the SmartBracket lock and remove the detector from the mounting panel.</p> <p><b>Protection against spoofing</b> device authentication</p> <p><b>Anti-masking system</b> detects attempts to block the detector view</p> <p><b>Lock for SmartBracket</b> To secure the detector on SmartBracket.</p> <p><b>Communication loss detection</b> after 36 s Detection time depends on the Jeweller/Fibra settings.</p>
<b>Power supply</b>	<p><b>Fibra line</b> 7–30 V<math>\overline{=}</math>, up to 90 mW The hub powers the detector.</p>
<b>Enclosure</b>	<p><b>Dimensions</b> 120 × 62 × 52 mm 4.72" × 2.44" × 2.05"</p> <p><b>Weight</b> TBC TBC</p> <p><b>Operating temperature range</b> from –10 °C to +40 °C from 14 °F to 104 °F</p> <p><b>Operating humidity</b> up to 75%</p> <p><b>Protection class</b> IP30</p>
<b>Colors</b>	White
<b>Complete set</b>	<p>Superior MotionProtect Plus G3 Fibra SmartBracket mounting panel Installation kit</p>

	Quick start guide
Warranty	24 months