

Superior MotionProtect Plus G3 Fibra

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

Communication	Fibra communication technology Proprietary wired communication technology to transmit commands, alarms, and events. Key features: • Two-way communication. • Advanced anti-sabotage. • Instant notifications. • Remote control and configuration in Ajax apps. Line connection 4-core cable Connection to any point of the Fibra line The device can be installed behind the hub, detector, keypad, or siren. Fibra line length up to 2,000 m up to 6,550 ft When using the U/UTP cat.5 twisted pair cable. Encrypted communication All stored and transmitted data are protected by block encryption featuring a dynamic key.
Detection	Sensitive elements 1 × PIR sensor 1 × K-band microwave sensor Operating frequency: 24 GHz. Motion detection distance 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. Reduced blind zone 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. Motion detection angles horizontal: 90° vertical: 71° Motion detection speed 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. False alarm prevention • Dual motion detection technology • SmartDetect

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

	Quick start guide
Warranty	24 months