Superior CombiProtect Fibra

Wired combined motion and glass break detector

Compatibility	**Compatible hub models** Hub Hybrid (2G) Hub Hybrid (4G)
Communication	**Fibra communication technology** Proprietary wired communication technology. Fibra combines the reliability of wires with the freedom of radio connection. It features: ◇ Two-way communication. ◇ Advanced anti-sabotage. ◇ Instant notifications. ◇ Remote configuration via the app. **Line connection** 4-core cable **Fibra line length** up to 2,000 meters up to 6,500 ft When using twisted pair U/UTP cat.5. **Encrypted communication**
Motion detection	**Sensing element** 1 × PIR sensor **Motion detection distance** up to 12 meters When installed at 2.4 meters height. **Motion detection distance** up to 39 ft When installed at 7.9 ft height. **Motion detection angles** horizontal — 88.5° **Motion detection speed** from 0.3 to 2.0 m/s The direction of the detector lens should be perpendicular to the intended path of entry into the facility. **Motion detection speed** from 1 to 6.6 ft/s **Sensitivity** 3 levels Sensitivity can be adjusted by PRO or user with admin rights in an Ajax app. **Pet immunity** up to 20 kg up to 50 cm height **Pet immunity**

	up to 44 lb up to 1.6 ft height **False alarm prevention** SmartDetect Software algorithm. **Temperature compensation** Effective motion detection within –10 °C to +40 °C range. **Temperature compensation** Effective motion detection within 14 °F to 104 °F range.
ⓘ	It is recommended to install the detector at 2.4 meter height. Device is designed for indoor use only. It is recommended to install the detector at 7.9 ft height. Device is designed for indoor use only.
Glass break detection	**Sensing element** 1 × electret microphone **Glass break detection distance** from 0.3 to 9 m from 1 to 29.5 ft **Glass break detection angles** horizontal — 180° **Sensitivity** 3 levels Sensitivity can be adjusted by PRO or user with admin rights in an Ajax app. **False alarm prevention** DualTone Two-factor glass break verification software algorithm: by low and high frequencies.
Glass break characteristics	**Minimum glass size** 400 × 400 mm 15.7" × 15.7" Detection distance is up to 9 m (29.5 ft) for all glass types when the **High** sensitivity level is selected. **Glass types and their thickness** ● standard pane — 4 mm ● insulated glass — 4 mm ● tempered glass — 6 mm
Anti-sabotage protection	**Tampering alarm** Alerts of attempts to detach the detector from the surface or remove the mounting panel. **Protection against forgery** device authentication
Power supply	**Fibra line power supply** 5–30 V⎓, up to 26 mW The detector is powered by the control panel. **Detector's nominal operating voltage** 24 V⎓

	Quiescent detector's current consumption at nominal voltage 90 µA **Maximum detector's current consumption at nominal voltage** 2.1 mA
Enclosure	**Dimensions** 110 × 65 × 50 mm 4.33" × 2.56" × 1.97" **Weight of the black device** 82 g 2.89 oz **Weight of the white device** 94 g 3.32 oz **Operating temperature range** from −10°C to +40°C from 14°F to 104°F **Operating humidity** up to 75% **Protection class** IP50, IK04 IP30 tested by CNPP according to NFa2P.
Colors	**Black** **White**
Complete set	Superior CombiProtect Fibra SmartBracket mounting panel Installation kit Quick start guide
Warranty	24 months