


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: <ul style="list-style-type: none">◇ 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

	<p>up to 44 lb up to 1.6 ft height</p> <p>False alarm prevention SmartDetect Software algorithm.</p> <p>Temperature compensation Effective motion detection within $-10\text{ }^{\circ}\text{C}$ to $+40\text{ }^{\circ}\text{C}$ range.</p> <p>Temperature compensation Effective motion detection within $14\text{ }^{\circ}\text{F}$ to $104\text{ }^{\circ}\text{F}$ range.</p>
	<p>It is recommended to install the detector at 2.4 meter height. Device is designed for indoor use only.</p> <p>It is recommended to install the detector at 7.9 ft height. Device is designed for indoor use only.</p>
Glass break detection	<p>Sensing element 1 × electret microphone</p> <p>Glass break detection distance from 0.3 to 9 m from 1 to 29.5 ft</p> <p>Glass break detection angles horizontal – 180°</p> <p>Sensitivity 3 levels Sensitivity can be adjusted by PRO or user with admin rights in an Ajax app.</p> <p>False alarm prevention DualTone Two-factor glass break verification software algorithm: by low and high frequencies.</p>
Glass break characteristics	<p>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.</p> <p>Glass types and their thickness</p> <ul style="list-style-type: none"> ● standard pane – 4 mm ● insulated glass – 4 mm ● tempered glass – 6 mm
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 $5\text{--}30\text{ V}=\text{}$, up to 26 mW The detector is powered by the control panel.</p>

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