

Superior StreetSiren Plus Jeweller

Wireless siren for outdoor and indoor use. Superior edition

Communication	<p>Jeweller communication technology Proprietary wireless communication technology to transmit commands, alarms, and events.</p> <p>Key features:</p> <ul style="list-style-type: none">• Two-way communication.• Advanced anti-sabotage.• Block encryption featuring a dynamic key.• Instant notifications.• Remote control and configuration in Ajax apps. <p>Frequency bands 866.0–866.5 MHz 868.0–868.6 MHz 868.7–869.2 MHz 905.0–926.5 MHz 915.85–926.5 MHz 921.0–922.0 MHz Depends on the sales region.</p> <p>Maximum effective radiated power (ERP) up to 25 mW Automatic power control to reduce power consumption and noise interference.</p> <p>Radio signal modulation GFSK</p> <p>Radio communication range up to 1,500 m up to 4,900 ft Between the siren and a hub (or a range extender) in an open space.</p> <p>Encrypted communication All stored and transmitted data are protected by block encryption featuring a dynamic key.</p> <p>Frequency hopping To prevent radio interference and jamming.</p>
Key features	<p>Alarm type acoustic and light A speaker and LED frame.</p> <p>Type of warning device</p>

	<p>type X</p> <p>External, self-powered, remote power source with EN 50131-6 compliant power supply.</p> <p>Alarm volume from 85 to 107 dB at a distance of 1 m 3.3 ft Adjusted by a PRO or user with admin rights in the Ajax app.</p> <p>Alarm duration from 3 s to 3 min Adjusted by a PRO or user with admin rights in the Ajax app.</p> <p>Alarm sound 2 types NFA2P-compliant and Regular.</p> <p>LED indication 2 types If the siren has an external power supply, the user can choose between the Corner backlight and Full-frame backlight features. If the siren is powered by a battery, only the Corner backlight feature is available.</p> <p>Siren sound frequency<ul style="list-style-type: none">1,400–1,600 Hz in NFA2P-compliant mode1,400–1,600 Hz in Regular mode</p> <p>Device self-test Allows you to check whether the battery is sufficiently charged for normal operation.</p> <p>Events indication<ul style="list-style-type: none">Alarms.Delays when entering/leaving.Security mode.Security mode changing.After-alarm indication.</p> <p>Chime The siren makes a special sound to notify that the opening detectors are triggered when the facility is disarmed.</p>
Recommendations	The siren is designed for indoor and outdoor use. Recommended installation height is 2.5 m 8.2 ft or higher.
Sabotage protection	<p>Tamper alarm Notifications on attempts to open the siren’s enclosure, detach the siren from the surface, or remove the siren from the mounting panel.</p> <p>Protection against spoofing device authentication</p> <p>Jamming detection</p>

	<p>The siren detects jamming and alarms about it.</p> <p>Communication loss detection after 36 s Detection time depends on the Jeweller or Jeweller/Fibra settings.</p>
Power supply	<p>Batteries 8 × CR123A 3 V\varnothing lithium battery Pre-installed.</p> <p>Type Type C.</p> <p>Calculated battery life up to 10 years</p> <p>Siren's operating voltage range 3.65–6.2 V\varnothing</p> <p>Siren's nominal operating voltage 3 V\varnothing in standby mode 6 V\varnothing when the siren sounds</p> <p>Quiescent siren's current consumption 75.6 μA</p> <p>Peak siren's current consumption at nominal voltage 690 mA When the siren sounds at the Very loud volume level.</p> <p>Average siren's current consumption at nominal voltage 126 mA When the siren sounds at the default volume level. Regardless of the arming mode.</p> <p>Full capacity 12,800 mAh</p> <p>Low battery voltage 4.65 V\varnothing</p> <p>End-of-life battery voltage 3.65 V\varnothing</p> <p>Manufacturer Huiderui</p> <p>Electric shock protection class Class III</p>
Optional power supply	<p>Remote power supply's operating voltage 9.6–14.4 V\varnothing</p> <p>Remote power supply's nominal voltage 12 V\varnothing</p> <p>Quiescent siren's current consumption at nominal voltage 8 mA</p>

	<p>Average siren's current consumption at nominal voltage 80 mA When the siren sounds at the default volume level. Regardless of the arming mode.</p> <p>Peak siren's current consumption at nominal voltage 420 mA When the siren sounds at the Very loud volume level.</p>
Enclosure	<p>Dimensions 210 × 210 × 71 mm 8.28" × 8.28" × 2.78"</p> <p>Weight of the white device 1,146 g 40.42 oz</p> <p>Weight of the black device 1,124 g 39.65 oz</p> <p>Operating temperature range from -25 °C to +60 °C from -13 °F to 140 °F</p> <p>Operating humidity up to 95% with no condensation</p> <p>Protection class IP54, IK08</p>
Colors	<p>Black</p> <p>White</p>
Complete set	<p>Superior StreetSiren Plus Jeweller SmartBracket mounting panel Installation kit Quick start guide</p>
Warranty	<p>24 months</p>