

# Superior MultiTransmitter Fibra

Module for connecting third-party wired alarm to Ajax

<b>Compatibility</b>	<b>Compatible hub models</b> <ul style="list-style-type: none"><li>• <a href="#">Superior Hub Hybrid (2G)</a></li><li>• <a href="#">Superior Hub Hybrid (4G)</a></li></ul> <b>Compatible range extenders</b> <p>Range extenders with Fibra devices support will be soon added to Ajax devices product line.</p>
<b>Communication with hub</b>	<b>Fibra communication technology</b> <p>Proprietary wired communication technology. Fibra combines the reliability of wires with the freedom of radio connection.</p> <p>It features:</p> <ul style="list-style-type: none"><li>◇ Two-way communication.</li><li>◇ Advanced anti-sabotage.</li><li>◇ Instant notifications.</li><li>◇ Remote configuration via the app.</li></ul> <b>Bus connection</b> <p>4-core cable</p> <b>Bus line length</b> <p>up to 2,000 meters/up to 6,500 ft</p> <p>When using the U/UTP cat.5 twisted pair.</p> <p><a href="#">Calculate line length at the facility</a></p>
<b>Wired devices connection</b>	<b>Number of zones</b> <p>18 wired zones</p> <p>Multiple devices can be connected to one zone. The number of connected devices depends on their power consumption.</p> <b>Type of connection</b> <p>NC, NO, EOL, 2EOL, 3EOL</p> <p>With EOL resistance from 1 kΩ to 30 kΩ with 100 Ω increment.</p> <b>Cable length</b> <p>up to 400 m/up to 1,300 ft</p> <p>When using a copper signal cable with a 0.22 mm<sup>2</sup> cross-sectional area of the conductor.</p>

	<p><b>Operation mode</b> pulse, bistable</p> <p><b>Event type</b></p> <p>7 types of alarms for each wired zone:</p> <ul style="list-style-type: none"> <li>• tamper alarm</li> <li>• intrusion</li> <li>• fire alarm</li> <li>• medical help</li> <li>• panic button</li> <li>• gas concentration alarm</li> <li>• malfunction</li> </ul> <p>Adjusted by PRO or user with admin rights in the Ajax app.</p>
<b>Anti-sabotage protection</b>	<p><b>Tampering alarm</b> Two tampers to detect the lid opening and alert about detachment from the wall.</p> <p><b>Protection against forgery</b> device authentication</p> <p><b>Communication loss detection</b> within 3 seconds Between hub and Superior MultiTransmitter Fibra.</p> <p><b>Instant detection of wired connection loss, short circuits and malfunctions</b> when using 2EOL/3EOL connection Depends on the connection type.</p>
<b>Power supply</b>	<p><b>Superior MultiTransmitter Fibra power supply</b> 110–240 V~</p> <p><b>Superior MultiTransmitter Fibra backup power supply</b> 12 V<math>\overline{=}</math>, up to 7 Ah capacity with a full charge cycle of up to 30 hours</p> <p><b>Power supply of connected wired devices</b> 10.5–15 V<math>\overline{=}</math>, up to 1 A (total maximum current consumption) Two power supply lines from Superior MultiTransmitter Fibra.</p>

	<b>Power supply of connected fire detectors</b> 10.5–15 V $\overline{=}$ , up to 0.4 A One power supply line from Superior MultiTransmitter Fibra.
<b>Enclosure</b>	<b>Dimensions</b> 192 × 238 × 100 mm/7.56" × 9.37" × 3.94"  <b>Weight</b> TBC  <b>Operating temperature range</b> from –10°C to +40°C/from 14°F to 104°F  <b>Operating humidity</b> up to 75%  <b>Protection class</b> IP40
<b>Colours</b>	<ul style="list-style-type: none"> <li>• Black</li> <li>• White</li> </ul>
<b>Complete set</b>	<ul style="list-style-type: none"> <li>• Superior MultiTransmitter Fibra</li> <li>• Power cable</li> <li>• 12 V battery connection cable</li> <li>• Casing</li> <li>• Installation kit</li> <li>• Quick Start Guide</li> </ul>
<b>Additional information</b>	<b>Compliance with standards</b> <a href="#">Learn more</a>  <b>Warranty</b> 24 months <a href="#">Learn more</a>  <b>Service life</b> 10 years  <b>User manual</b> <a href="#">Learn more</a>