Ajax RangeExtender
Range extender for the security system signal

Retransmits the signal of the security system to increase the secured area by two times.

Enhanced performance

- Increases the area covered by Ajax security system by two times
- Powerful ARM processor
- Allows you to expand the security system signal for 50 devices
- Integration into outside systems through uartBridge and ocBridge

Smooth operation

- Two-way communication with the Hub for testing and customization

Engineering masterpiece

- Built-in 50-230V power adapter
- Ajax RangeExtender is less than 4cm thick

Protection from failures and sabotage

- The body is tamper proof
- All sockets and buttons are inside the body
- Alarm goes off when external power is cut off
- Working time on back-up power is up to 7 hours
- Response from detectors is checked every 12-300 seconds (adjustable)
- Two antennas for better reception
- Detection and prevention of jamming, encrypted channels, authentication
- Clear frequency for each of the detectors

Simple professional-level installation

- Interactive manual
- SmartBracket for mounting without disassembling the body
- Remote testing of signal quality, detection area, and radio frequency noise level

Tech specs

- Colours: White/Black
- Dimensions: 162.7x162.7x35.9 mm (6.37x6.36x1.41 in)
- Weight: 300 g
- Power supply: 110 - 250 V AC
- Operating temperature range: From 0°C (+32°F) to +50°C (+122°F)
- Use: Indoor
- Communication protocol: Jeweller (868 or 915 MHz depending on the country of distribution)
- Radio signal power: 25 mW
- Tamper protection: Available
- Maximum distance between detector and central unit: Up to 2000 m (6552 ft) (in open area)
- Back-up battery: Li-Pol 2 Ah (up to 12 hours battery life)
- Number of connected devices: Up to 50