

ReX 2

Radio signal range extender supporting photo verification of alarms

Tech specs

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| Installation method | Indoors |
| Compatibility with Ajax control panels | Hub 2 (2G) Hub 2 (4G) Hub 2 Plus Hub Hybrid (2G) Hub Hybrid (4G) |
| Compatibility with Ajax range extenders | ReX 2 does not connect to another range extenders |
| Compatibility with Ajax detectors and devices | The list of compatible devices |
| Maximum connected devices (in a system with one range extender) | Hub 2 (2G) up to 99 Hub 2 (4G) up to 99 Hub 2 Plus up to 199 Hub Hybrid (2G) up to 99 Hub Hybrid (4G) up to 99 |
| Number of range extenders connected to the compatible hub | 5 |
| Operating system | OS Malevich Firmware update details |
| Main power supply | 110-240 V, 50/60 Hz 12V= with 12V PSU for Hub 2/ReX 2 |

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| | <p>6V⁼⁼ with 6V PSU for Hub 2/Hub 2 Plus/ReX 2</p> |
| Backup power supply | <p>Li-Ion 2 A·h built-in backup battery</p> <p>Up to 38 hours of backup battery life when Ethernet is disabled</p> <p>Up to 12 hours of backup battery life when Ethernet is connected</p> |
| Jeweller and Wings radio protocols | <p>Communication range in an open space</p> <p>between ReX 2 and a hub up to 1,700 m</p> <p>between ReX 2 and connected devices up to 1,700 m depends on device model</p> <p>Two-way communication Jeweller Wings</p> <p>Radio 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 20 mW</p> <p>Polling interval from 12 to 300 s Adjusted by PRO or user with admin rights in the Ajax app.</p> <p>Encrypted communication Block cipher encryption based on the AES algorithm</p> <p>Frequency hopping</p> |
| Connection via Ethernet | <p>8P8C connector Up to 100 Mbps speed</p> <p>Available with OS Malevich 2.13</p> |

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| Alarm signal delivery time | 0.3 s |
| Operating temperature range | From -10°C to +40°C |
| Operating humidity | Up to 75% |
| Anti-sabotage | Protection against spoofing Jamming notification Tampering alarm |
| Dimensions | 163 × 163 × 36 mm |
| Weight | 330 g |
| Warranty | 24 months |
| Complete set | ReX 2 SmartBracket mounting panel Power supply cable Ethernet cable Installation kit Quick start guide |

[Compliance with standards](#)

1. ReX 2 cannot be connected to another range extender.
2. When using five radio signal range extenders in the system.
3. When transmitting images from MotionCam (default settings) through the ReX 2 range extender and the hub. The hub should be connected to the internet via Ethernet, Wi-Fi, or LTE. [Follow the link](#) to check the photos delivery time based on different image resolution settings.