AJAX

LeaksProtect Jeweller

Wireless addressable flood detector

An Ajax hub is required for operation.

Key features

Four pairs of contacts for detecting first signs of flooding

Detects water leaks 24/7/365

Tool-free installation and replacement

Up to 5 years of operation on pre-installed batteries

Up to 1,300 m of two-way encrypted wireless communication between the hub and detector

Adjustable polling interval

Fast connection with security system via QR code

Remote control and configuring via the Ajax apps

Always active

All four sides of the device have contact pairs. LeaksProtect detects the first signs of flooding as soon as the water gets on at least one of them.

The detector sends an alarm within 0.15 seconds as soon as the device gets wet on either side.

Jeweller

communication technology

Jeweller is a **two-way wireless protocol** that provides fast and reliable communication between hubs and connected devices. The protocol delivers instant data-rich alarms: security companies and users know which device was triggered, when and where it happened.

Jeweller features **encryption** and **authentication** to prevent spoofing and **polling** to display connected devices status. Supporting **up to 1,300 m** of wireless connectivity, Jeweller is ready to protect facilities and deliver **the best user experience** for both system owners and installers.

Tool-free installation

It is enough to place LeaksProtect on the floor under a washing machine, dishwasher, bathtub or heating radiator.

The miniature device can fit even hard-to-reach places. The enclosure will do the job due to its IP65 protection class.

Technical specifications

Communication with control panel or range extender	**Jeweller communication technology**
	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
	Maximum effective radiated power (ERP) ≤ 20 mW

Compatibility	**Control panels** Hub Hub Plus Hub 2 (2G) Hub 2 (4G) Hub 2 Plus Hub Hybrid (2G) Hub Hybrid (4G)
	Range extenders ReX ReX 2

Communication with control panel or range extender	Communication range up to 1,300 m In an open space Polling interval 12–300 s Adjusted by PRO or user with admin rights in the Ajax app Protection against forgery Device authentication	Installation	Operating temperature range from 0°C to +50°C Operating humidity up to 100% Protection class IP65
Power supply	Battery 2 x AAA battery Pre-installed Battery life up to 5 years	Enclosure	Colour white, black Dimensions 56 × 56 × 14 mm Weight 40 g
Complete set	LeaksProtect Jeweller 2 x AAA battery Pre-installed Quick Start Guide		