

# LeaksProtect Jeweller

Wireless addressable flood detector



An Ajax hub is required for operation.  
Find the detailed information on the device by the link:

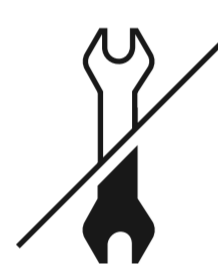
 <http://ajax.systems/support/devices/leaksprotect/>



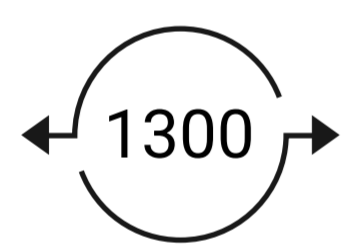
## Key features



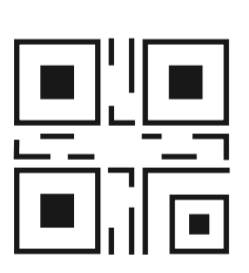
Four pairs of contacts for detecting first signs of flooding



Tool-free installation and replacement



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



Fast connection with security system via QR code



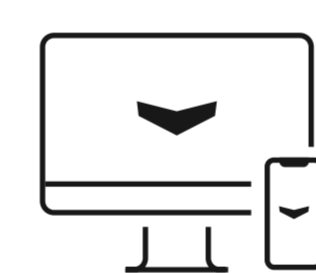
Detects water leaks 24/7/365



Up to 5 years of operation on pre-installed batteries



Adjustable polling interval



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

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