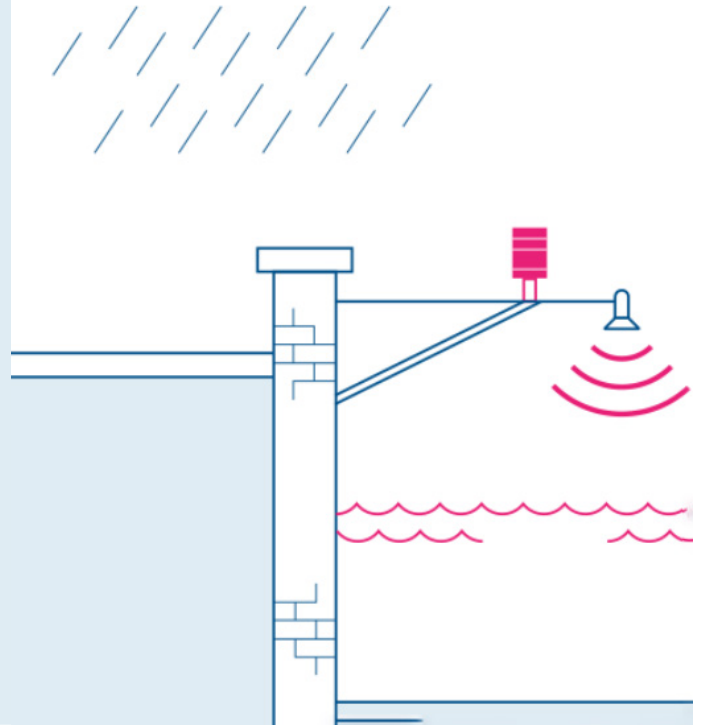




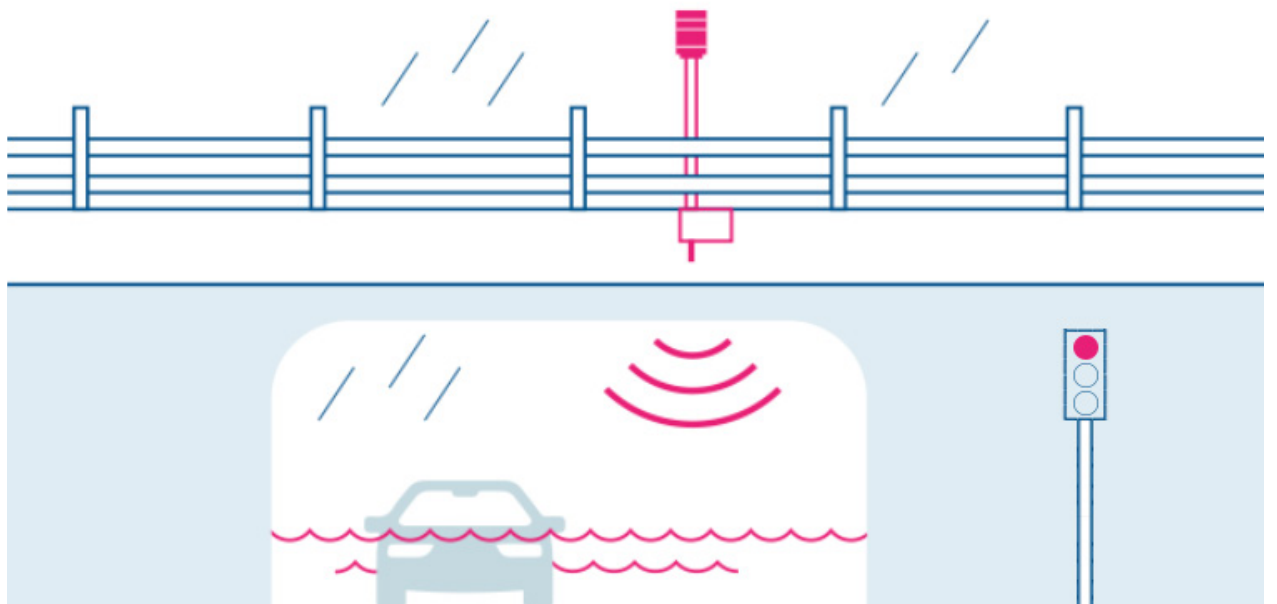
# Spider Rains

Hydrological early warning system for heavy rains and water levels monitoring

**HEAVY RAINS AND STORMS CAN PRODUCE MANY HAZARDS, SUCH AS OVERFLOWS AND FLOODS**



**ALL THIS CAN BE DANGEROUS FOR PEOPLE, INFRASTRUCTURE AND ROADS**



Spider Rains is an early warning system for hydrological risk.

Heavy rainfall and thunderstorms can cause the overflow of rivers and streams, and consequent flooding, a potential hazard for citizens, houses, infrastructures, roads, and places of interest, especially if the river is in the middle of the city.

Spider Rains provides an immediate warning in case of overcoming of thresholds levels, by local alarms (sirens, lights, traffic lights, signs...), and notifies authorities and population.

This system also provides continuous monitoring of rainfall, water levels

alarm conditions, storing information in the cloud for proper hydrological risk assessment.

Spider Rains is a Spider System solution. It is easy to install quite plug & play, even in the most impervious areas, and it is immediate to use. Supplied by batteries, there is no need for an external power supply. The maintenance is minimal and the system can operate for a long time, in extreme weather conditions and without further intervention.

Spider Rains is designed to warn and protect people and things against bad climatic events.



# Technical specifications

Spider Rains is a strong device, designed to withstand considerable forces and capable of detecting events (rainfall, overflows, flooding...), through continuous monitoring.

Alerts and data are routed over the network with the latest technologies, ables of covering very large areas, without the need for radio links and with immediate advantages in terms of use and costs.

- Equipped with rain and/or water level sensor.
- Easy to transport and install without the need for specific configurations.
- Fully integrated electronics designed to operate under extreme conditions.
- Low consumption: the batteries have autonomy of over 2 years.
- Smart Intelligence: alarm notifications, device status, rain and water level measures, and battery level.
- System test during installation or ordinary checks, via APP.
- Digital transmission technology.
- Rain gauge with a capacity of 400 cm2 or 1000 cm2.
- Radar or ultrasonic level sensor.
- Integrated data transmission device, with 4 different radio technologies.
- Autonomous power supply.
- Remotely configurable.
- Access to alarms and data via web and APP.

## Contacts

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