



BRIDGIOT

Remote Intelligence and Control

FLOOD SENSOR

A compact, yet powerful device for flooding detection. This device will send an alarm via SMS and email in order to give you peace of mind. When just idle, the device sends a daily keep-alive message in order to assure that it is still functional, as well as letting you know if it has been knocked over, therefore the technology is set-and-forget, allowing peace of mind for years to come.

simpleLeak

Water Leak & Vibration Detector



- **Reliable with no false alarms**
- **Water Proof IP67**
- **Lasting over 10 years**
- **Loud alarm buzzer**
- **Movement or flip warning**
- **End of leak notification**
- **Great radio performance**



Setup

1 Create your profile

Create a user profile with your personal contact details on app.bridgiot.co.za



2 Link your device

Link your device on the Bridgiot **web-application**.

- Click the "MANAGE" icon in the top left corner
- Select "ADD DEVICE"
- Enter your own reference name and device-specific ID, found at the bottom of the flood sensor.



3 Activate & test your device

Once steps 1 & 2 have been completed successfully, follow the **"ACTIVATION"** steps on the next page. Make sure that the two contacts at the bottom of the device is dried completely once the activation test is completed

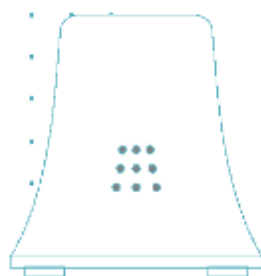


Technical data:

- Operating life with daily heartbeat: 10 years
- Dimensions: 6 x 6 x 6 cm
- Weight: 45g
- Operating temperature: -25°C to +70°C
- Sigfox power radiation Class 0
- Documented payloads and remote configuration
- Firmware upgrade available
(no disassembly needed)

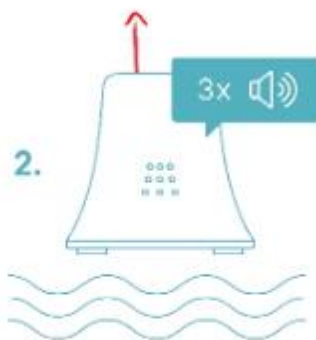
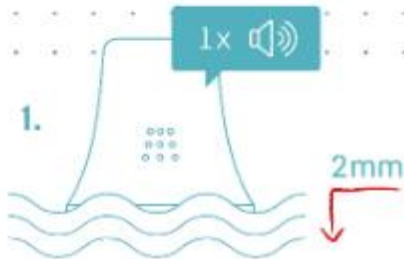
BATTERY:

- Primary lithium LiMnO2 Battery I500 mAh
- Long shelf life
(self-discharge rate less than 1% at 25°C)
- Wide temperature range
- Non-flammable electrolyte
- Compliant with IEC86-4 safety standard
- Non-restricted for transport
- Number of messages: 30 000



FLOOD SENSOR

Water leakage detection



ACTIVATION

1. Put water (2mm level is enough) onto a plate and place the device in it. Short beep will sound.
2. Remove from water. After 15 secs, three short beeps announce the Start of operation.
3. Place the device to the area you would like to monitor.

ALERTS

4. - **In case of overturn or water leakage detection** you have 10 seconds (indicated by beeping) to fix it before the appropriate alarm is sent. In case of end of leakage or overturn appropriate end of event message is sent.
 - **Antifreeze alert** (around 3°C)
 - **Above-normal room temperature alert** (around 45°C)
 - **Very high temperature alert** (around 60°C)

DEACTIVATION

5. To turn the device off completely, hold it in upside-down position for 15 seconds. The device will continue beeping until the turned-off status is reached. In order to turn the device on again, please follow the steps for activation.