



## Product Data Sheet

# Leak and Freeze Sensor

### Cellular Solution

#### Help protect your property and equipment with smart leak and temperature monitoring

The Meshify Leak and Freeze sensor detects leaks and abnormal temperature changes that cause property and equipment damage. Through specially-designed text, email, audio and push notification alerts, the sensor helps prevent and mitigate water leaks, frozen pipe bursts, and system failures.

Designed for commercial and residential environments, the Meshify Leak and Freeze sensor is easy to setup and can be installed in diverse locations, without the need for Wi-Fi.

#### Key Features:

- Wireless, battery-powered leak and freeze sensor
- Detects water on contact
- Monitors abnormal temperature changes in temperature-controlled environments
- Easy activation and alert monitoring via the Meshify Protect™ app
- Optional leak probe attachment



meshify protect™

Proprietary mobile app for activating Meshify sensors and monitoring locations, even when no one is there. Available for iOS and Android.

#### For more information, contact:

HSB Sensor Solutions  
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## Technical and Functional System Specifications

<b>Mechanical</b>	Dimensions	2.24" x 2.24" x 0.87" (57mm x 57mm x 22mm)
	Sensor Weight	Without Batteries: 1.34oz (38 g) With Batteries: 1.90 oz (54 g)
	Operating Temperature	32°F to +122°F (0°C to +50°C)
	Operating Humidity Range	20% - 80% humidity (non-condensing)
	LED & Sound indicator	2 color LED (RG) Buzzer : Max 70dB
	Case Material	White PC-ABS
	IP Rating	IP44
<b>Power Requirements</b>	Internal Battery	1 x CR123A battery (Replaceable)
<b>Sensors</b>	Water Resistance	<2M $\Omega$ trigger point
	Temperature Accuracy	32°F to 122°F, $\pm 1.8^\circ\text{F}$ (0°C to +50°C, $\pm 1.0^\circ\text{C}$ )
	Optional Sensors (via micro USB jack)	Leak Probe
<b>Connectivity &amp; Certifications</b>	Radio Frequency	LTE-M (Band 2/4/12)
	Regulatory	FCC, CAN ICES-3, PTCRB

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.