

WS303



Mini Leakage Detection Sensor

Embedded buzzer for real-time alarming

WS303 detects the presence of conductive liquids using a small water probe.

WS303 comes with P67 waterproof enclosure for harsh environment applications.



WS303 applies a 590mAh CR2450 Lithium battery providing up to five-years battery life.

WS303 is equipped with NFC for easy mobile app configuration (Android and iOS).

WS303 is compliant with standard LoRaWAN® gateways and network servers.

WS303

Milesight

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Wireless transmission

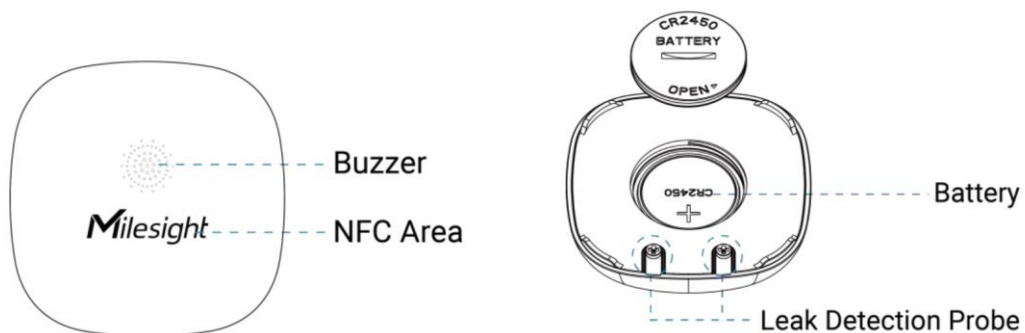
Technology	LoRaWAN®
Frequency	CN470/IN865/RU864/EU868/US915/AU915/KR920/AS923-1&2&3&4
Tx Power	16 dBm (868 MHz)/19 dBm (470 MHz)/22 dBm (915 MHz)
Sensitivity	-137dBm@300bps
Mode	OTAA/ABP Class A

Leakage detection

Liquid type	Conductive liquid
Trigger condition	Liquid level reaching 0.5mm

Others

Buzzer	Included
Configuration	Mobile App via NFC



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Physical characteristics

Power supply	1 × 590mAh CR2450 Lithium battery
Battery life	5 years (At one hour leakage per week) For guideline purposes only!
Operating temp.	-10°C to +60°C
Relative humidity	0% to 95% non-condensing
Ingress protection	IP67
Dimension/Material	63 × 63 × 14 mm / PC+ABS, white
Installation	On flat surface with 3M tape

Dimensions in mm

