

LoRaWAN[®] Leak Detector

LWGLD1



The LoRaWAN Guardian Leak Detector is a wireless, battery-powered water sensor intended for integration with LoRaWAN gateways. The Leak Detector will notify the gateway on sensing water. It can be placed near bathrooms, washing machines, and other appliances or fixtures and will keep an eye out for water leaks. It can detect as little as three drops of water. Three separate set of sensors, the Bottom (Main) Sensors, the Drip Tray, and the Remote Sensor Probe (optional), act together to monitor any appliance or fixture for leaks.

KEY FEATURES



15 YEAR BATTERY LIFE



OPTIONAL REMOTE SENSOR TO FIT TIGHT SPACES



1000' WIRELESS RANGE



DETECTS FREEZING TEMPERATURES



LED AND BUZZER NOTIFICATIONS



MOVEMENT SENSOR ENABLES TAMPER DETECTION

TECHNICAL SPECIFICATIONS

Physical Attributes	Dimensions	4.7" x 3.3" x 1" (W x D x H)
	Ingress Protection	IP66
	Required Tools	None
Power Specs	Battery Type	Modified CR17450 3.0V, 2400mAh Battery
	Battery Life	15 years
Connectivity	Inputs	Minijack (Remote Sensor Probe, optional)
	Wireless Connectivity	LoRaWAN
	Wireless Range	1,000'
	Sensors Per System	N/A
	WiFi Required	No
	Available Data	Leak status, Temperature, Movement/Tamper
Physical Interfacing Options	Audible Alerts	Yes, via Buzzer
	Visual Alerts	Yes, via LED
	Buttons	None
	LED Status Indicator	Power up, leak events, movement events
Additional Feature		Quarter-Round cut out for placement adjacent to walls
Requirements		LoRaWAN Gateway within range
Sensors	Drip Tray	Detects minor leaks
	Bottom Sensors	Detects large leaks
	Magnets	Effective placement onto metal surfaces

