### LAN-MIOTY-G2-LDS/LDP

# LANSEN

Water leakage detection

#### **DEVICE**

The Lansen leakage detector alerts as soon as water is detected. The device detects water leakage when connected to a sensor cable or other sensor that conducts current when exposed to water.

Much care have been taken to design a sleek, good looking device with high security and performance. The design allows for discrete integration in home environment.

#### **USAGE**

The device can be used where there is a concern that leakage could occur, such as under the dishwasher, in the basement, pipes, or wherever there is a junction that is of concern. Device is started by just dipping the leakage cable into water for 5 seconds.

#### **FIRMWARE**

MODES mioty ETSI TS-103-357
ENCRYPTION Network: AES128 encryption

## **INTERVAL**

SAMPLE Check for leakage every 30 seconds

TRANSMISSION 60 minutes or when leakage is detected/restored

#### **MIOTY DATA**

LEAKAGE Leakage status now & last 24 hours

Current leakage sensing level
Duration of last leakage

BATTERY Battery voltage

OPERATING Total operating time (years)

Run time since powerup (years)

BATTERY Low battery (2.6V)

# **POWER/LIFETIME**

POWER SUPPLY ER14505 3.6V Li-SOCI2 battery.

Soldered non-replaceable battery (G2-LDP) or battery holder (G2-LDS, optional for G2-LDP)

VOLTAGE 2.4 to 3.6V

LIFESPAN 14 years expected\*, standard configuration and

 $recommended\ operating\ temperature.$ 

RADIO 14 dBM (25mW) output power to antennas

ERP up to typical: 13 dBm (20mW)

#### **GENERAL INFORMATION**

 STANDARDS
 2014/53/EU (RED)

 MATERIAL
 White, ABS

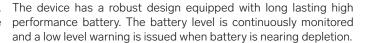
 SIZE (W x H x D)
 32 x 88.5 x 25.5 mm

#### **OPERATING CONDITIONS**

RADIO TRANSMITTER Max: 0°C to +85°C

Recommended: +5°C to +50°C

RELATIVE HUMIDITY Non-condensing



The model G2-LDP has one leakage cable while G2-LDS supports up to two leakage cables for simultaneous monitoring of two areas.

#### **MEASUREMENTS**

**PERFORMANCE** 

Every message contains information such as leakage status and duration of current alarm. The message also gives information about current leakage sensing level which can give early indication of small water leakage that is not large enough to trigger an alarm.



\*The expected battery lifetime stated is based on simulations and true measurements at 25°C and is valid to the best of our ability but not a guarantee. The calculations and measurements can be sent upon request for your reference.