DEVICE

The Lansen leakage detector alerts as soon as a water is detected. The device detects water leakage on the floor 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 when in home environment.

FIRMWARE

MODES	Configurable C, T or S
INTERVAL	Configurable 60s - 1 hour
ENCRYPTION	AES128 encryption OMS mode 5, Profile A. Configurable ON/OFF, and KEY
STANDARD	T1-Mode, 90 seconds, Encryption ON.

WARNINGS

TAMPER DETECTION	Product opened or removed from the wall (opt.)
BATTERY	Low battery
VISUAL	Leakage detected (Red LED)

POWER/LIFETIME

POWER SUPPLY	ER14505 3.6V Li-SOCl2 battery.
VOLTAGE	2.4 to 3.6V
LIFESPAN	14 years typical, depending on configuration and operating temperature.
RADIO	14 dBM output power to antenna

GENERAL INFORMATION

STANDARDS	2014/53/EU (RED) EN 13757-3/4:2013, OMS 4.0.2
MATERIAL	White, ABS
SIZE (W x L x D)	32 x 88,5 x 25,5mm

OPERATING CONDITIONS

RADIO TRANSMITTER	Max: -30^0 to + 85^0. Recomended +5^0 to +50^0
RELATIVE HUMIDITY	None condensing

DEVICES

LAN-WMBUS-G2-LDS

Water leakage transmitter / no cable / battery holder

LAN-WMBUS-G2-LDP

Water Leakage transmitter / premountet 1 m non-active cable / solderd battery

LAN-WMBUS-G2-LDP-KIT-1

Water Leakage transmitter / premounter 1 m non-active cable / 1 m active cable / solderd battery / 5 mounting clips

ACCESSORIES

Leakage cables
Mounting clips
USB Configuration cable

PERFORMANCE

The device has a robust design equipped with long lasting high performance battery, The battery level is continuously monitored and a low level warning is issued when battery is nearing depletion. Up to 2 leakage cables can be connected to the device for simultaneous monitoring only G2-LDS.

USAGE

The device can be used where there is a concern that leakage could occur such as under the dishwasher, in the basement, or wherever there is a junction that are of concern. Devices with soldered battery is started just dipping the leakage cable into water 5 seconds.

MEASUREMENTS

Every message contains the leakage status including battery level. The message is sent at configured interval or as soon leakage is detected.

The data from the device is protected using the AES128 encryption compliant with OMS standard.

CONFIGURATION

The MBUS mode, transmission interval and encryption can be configured using a special USB configuration cable connected to a PC.