

DEVICE

The Lansen leakage detector alerts as soon as a leakage 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 has been taken to design a sleek, good looking device with high security and performance. The design allows for discrete integration when in home environment.

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. 2 leakage cables can be connected to the device for simultaneous monitoring.

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
BATTERY	Low battery

POWER/LIFETIME

POWER SUPPLY	3.6V Li-SOCl ₂ , AA 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
TEMPERATURE	-40° to +85°
RELATIVE HUMIDITY.	None condensing
COLOR	White
SIZE (W x H x D)	25.5 x 105 x 22 mm
MATERIAL	ABS

DEVICES

LAN-WMBUS-G2-LDS Leakage detector.

ACCESSORIES

LC-21-200-75	Leakage cable 200 cm NON sensitive part and 75 cm sensitive part.
CLIP-05	Addhesive mounting clips for the leakage cable.
LAN-CF-CABLE	USB Configuration cable.

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.

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 could be protected using the AES128 encryption compliant with OMS standard.

CONFIGURATION

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

