SENSING LABS
Remote sensor-to-Human

LoRa Alliance Member





Indoor Radio transmitter for

Electricity meters

(Optical pulses)

Ref: LED-LAB-21NS

This Senlab M is a smart LoRaWAN™ radio device with a light pulse sensor, to be fitted on the optical pulse output of the apparel to monitor. The probe comes with a double side adhesive tape counterpart, making the deployment very fast and non-intrusive.

Sensing Labs advanced sensors offer advanced functionalities such as:

- Datalogging (24 points / radio transmissions)
- “over the air” reconfiguration
- Set initial index

LoRaWAN™

10 years *
(replaceable battery)

15 km *

IP30
(Indoor use)

Local or Public Network compliant

Typical applications

The optical probe is a very versatile solution, adapting to many very different type of electric meters.

Technical specifications	
Physical dimensions	53 x 85 x 25 mm
Weight	75 gr
Operating temperature	0°C to +55°C
RF sensitivity	-137dBm
RF power	+14dBm (25mW)
Radio band	868 MHz
EMC Compliance	ETSI EN 301 489-1, ETSI EN 301 489-3, EN 61000-6-2
Radio Compliance	EN 300 220-1 V 2.4.1 (2012-05), EN 300 220-2 V 2.4.1 (2012-05)
Magnetic field exposure	EN 62479
Safety	IEC 60950-1

*Depending on the operating conditions

DISTRAME S.A. - Parc du Grand Troyes - Quartier Europe Centrale - 40, rue de Vienne - 10300 SAINTE-SAVINE
Tél. : +33 (0)3 25 71 25 83 - Fax : +33 (0)3 25 71 28 98 - E-mail : infos@distrame.fr - Site internet : www.distrame.fr