



Radio transmitter for Events and alarm notification

Ref: TOR-LAB-13NS

LoRa WAN™



20 years *



15 km *



IP68
(Outdoor use)



Local or Public
Network compliant

Senlab_D is a smart LoRaWAN™ sensor with a digital input for 'on/off' or 'close/open' state detection. Therefore, Senlab_D is capable of detecting the status of relays, transistors or switches. Senlab_D embeds an highly configurable information reporting algorithm (alarming on change state, counting,...). Senlab_D will answer your security or preventive maintenance needs.

Typical applications

Engines and machines state monitoring

Garage and fire door opening

Technical specifications

Physical dimensions	56 x 102 x 35 mm
Weight	140 gr
Operating temperature	-20°C to +70°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, EN 60950-22

*Depending on the operating conditions