

LASER DISTANCE SENSOR

Overview

NETOP Laser Distance sensor is a long range wireless sensor which can be used in a variety of applications for measuring distances between the sensor and objects in its path. It can measure absolute distances up to 2m. This sensor is compatible with Bluetooth5.0 technology. The standard version of this sensor is powered by one replaceable 3.6 V AA sized battery (included with purchase).

Key Features

- Real plug & play
- Easy to mount & install
- Maintenance free – install & forget
- Secure communication
- Low Power Consumption
- Longer Range
- Certifications: CE



Communication Specs

- The sensor uses Bluetooth5.0 technology
- Compliant with unlicensed 2.4 GHz ISM band
- Internal Antenna
- Radio Performance : Upto +4 dBm TX power and -96 dBm RX sensitivity
- No PC required for operation

Mechanics

- Housing: ABS
- Dimensions: 65 x 55 x 27 mm
- Operating temperature: -40°C to +85°C

Data Security

- AES-128

Power Supply

- AA Battery 3.6 V Li-SOCI2-Saft LS 14500 (Standard 1 piece)

Indicators

- RGB Status LED (on board)

Sensor Specifications

Measurement Range	:	Up to 2 m
Infrared emitter	:	940 nm
Data Transmission Period	:	Every hour(default)

Certifications & Reliability

- CE
- Bluetooth® SIG certified
- EN 62479
- EN60950
- EN 301 489-1
- EN 301 489-17
- EN 300 328

Applications

- Distance measurement applications
- Obstacle detection