

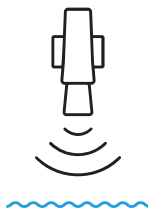
EARLY WARNINGS AND INFORMED DECISIONS

# LS1 REMOTE WATER LEVEL SENSOR





# LS1 SYSTEM



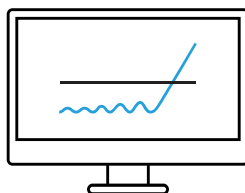
## WATER LEVEL SENSOR

Continuously monitor water levels with pinpoint accuracy. Whether it's a remote water supply or a series of city drainage systems, stay connected.



## CONNECTED ALERTS

Set level thresholds and rest easy knowing alarm notifications will inform you if levels rise too high or drop too low.



## DATA COLLECTION

Valuable information is recorded allowing informed decisions to eliminate potential issues and unnecessary costs in the future.



# LS1 BASIC SPECIFICATIONS



## 1mm ACCURACY

30cm - 5m range



## LONG LIFE BATTERY

up to 5 years



## WATERPROOF

IP67 waterproof enclosure



## DESKTOP/MOBILE

IOS/Android



## LIVE DATA

data visualisation  
CSV export



## ALERTS

create thresholds  
app/email alerts



## WIRELESS

SIGFOX  
cellular 2G/3G  
5G NB-IOT



## CLOUD BASED

device management  
access control  
secure APIs



# LS1 TECHNICAL INFORMATION

## RADIO SPECIFICATION

Bluetooth Low Energy	5dB
SIGFOX region	RZ4 (20dB)
NB-IoT/M1	700MHz, 2100MHz

## ENVIRONMENT

Protection	IP66,67
Operating Temperature	-20° C to + 60° C
Recommended Storage Temperature	15° C to + 25° C

## POWER

Battery Life	2 to 5 years*
Power Supply	Lithium Battery

## SENSOR PARAMETERS

Sensing Technology	Ultrasonic
Measurement Range	0.3m - 5m
Measurement Resolution	1mm
Default Measurement Interval	5 minutes
Default Reporting Interval	35 minutes

## COMMUNICATION

Wireless Technology	SIGFOX or NB-IoT/M1 (LPWAN)
Transmission Range	Up to 50km (Line of sight)



# LS1 HARDWARE

## PHYSICAL CHARACTERISTICS

Overall Dimensions

185x105x80mm

Weight

240g

Enclosure Material

Polycarbonate + PBT

Mounting

4mm Screw hole

