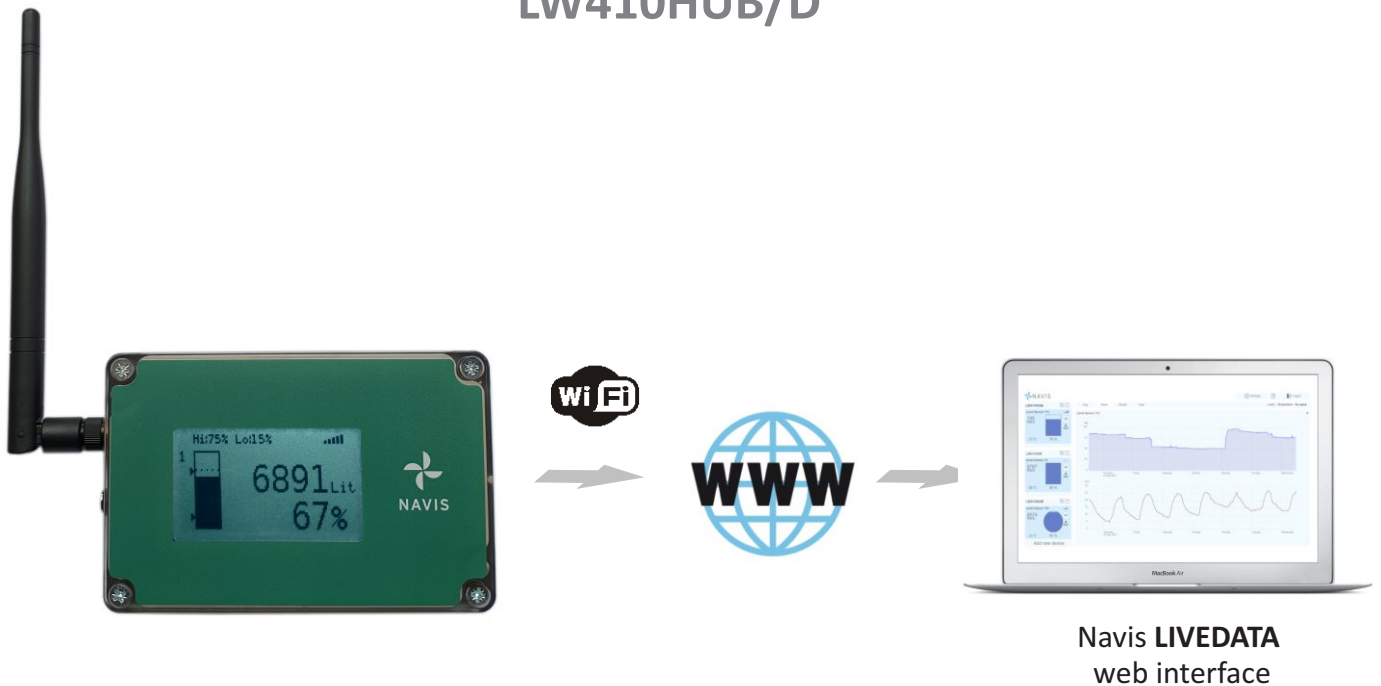




NAVIS

# WIRELESS TANK LEVEL MONITOR WITH Wi-Fi INTERFACE

LW410HUB/D



Navis **LIVEDATA**  
web interface

## FEATURES

- display level data from up to 4 tanks
- Wi-Fi output for sending data to Navis LIVEDATA web interface
- up to 1000 m range (up to 2 km with Yagi antenna)
- programmable tank shape
- optional repeater/range extender enables obstacle avoiding
- range of capacitive, ultrasonic and hydrostatic pressure long range wireless level sensors

## FUNCTIONS

- display liquid volume in liters and %

## APPLICATIONS

- liquid level monitoring and controlling
- rain water level monitoring
- groundwater level monitoring and logging
- industrial applications



NAVIS

**COMPATIBLE SENSORS**



SC10 - CAPACITIVE LEVEL SENSOR



SC10/R - CAPACITIVE LEVEL SENSOR



SU11 - 6/4" ULTRASONIC LEVEL SENSOR



SP10 HYDROSTATIC LEVEL SENSOR

**ORDERING**

Display unit:

1 LW410HUB/D

**Sets with sensor included:**

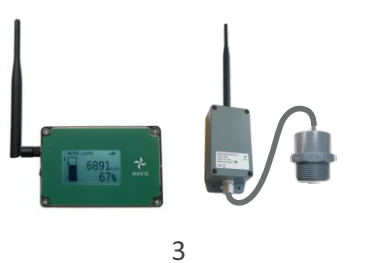
- 2 LW410HUB/D/SC10 - LW410HUB/D with SC10 capacitive sensor
- 3 LW410HUB/D/SU11 - LW410HUB/D with SU11 ultrasonic sensor
- 4 LW410HUB/D/SP10 - LW410HUB/D with SP10 hydrostatic sensor



1



2



3



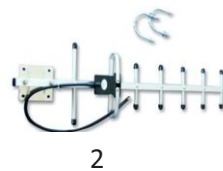
4

**OPTIONAL ACCESSORIES**

- 1 Antenna with 3 m cable, magnetic mounting
- 2 YAGI antenna
- 3 LRP 011-1 Repeater / Range Extender



1



2



3

**Access to Navis Level LIVEDATA web interface:**

- FREE BASIC ACCESS (monthly chart)
- PAYABLE ADVANCED ACCESS (daily, weekly, monthly, yearly chart, data logging)



Level LiveData



NAVIS

#### TECHNICAL DATA

Number of tanks displayed:	up to 4 tanks
Volume units:	LIT, %, m3, gallons
Data refresh period:	5 s
Max resolution:	0,1 %
Temperature operating range:	-10 ... +50 °C
Communication frequency :	868 MHZ
Antenna input:	50 Ohm, SMA connector
Range:	up to 1000 m visible distance * up to 2 km (with optional Yagi antenna) *
Operating voltage:	12 - 24 V DC
Power consumption:	max. 500 mA
Wi-Fi data transmission rate:	every 1 minute
Wi-Fi transmission frequency:	2,4 GHz
Wi-Fi range:	up to 20 meters. It can vary with type of Wi-Fi router
Power supply:	Adapter 9V, 1A DC (enclosed)
Casing:	150 x 80 x 55 mm, ABS
Weight:	200 g

\*depends also on sensor type and mounting position