



# WIRELESS ANEMOMETER WITH ALARMS FOR CONSTRUCTION SITES AND INDUSTRY

W410/BAT/D

W410XB/BAT/D



## FEATURES

- battery powered receiver unit
- up to 1 year battery life
- integrated alarm and pre-alarm warning lights
- built-in audible alarm
- extremely easy mounting due to wireless sensor and magnetic mounting
- up to 500 m range with standard range sensor
- up to 1300 m range with extended range sensor
- back lighted graphic LCD with large numbers
- magnetic mounting (optional accessories)
- Bluetooth output signal for smart devices via free App (W410XB/BAT/D model)

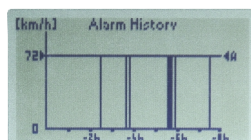
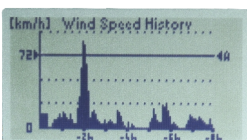
## FUNCTIONS

- current wind speed
- wind direction
- bar graph for current wind speed
- bar graph for peak wind speed in last 2 minutes
- alarm and pre-alarm
- 8 h wind speed history graph
- 8 h alarm history graph
- temperature

## APPLICATIONS

- crane applications
  - mobile cranes
  - tower cranes
  - bridge cranes
- lift applications
- all applications where wind alarm is needed

## HISTORY DISPLAYS





NAVIS

**COMPATIBLE SENSORS:**



WS 010-1 (standard range WS sensor)  
WS 011-1 (extended range WS sensor)



WSD 010-1 (standard range WSD sensor)  
**WSD 011-1 (extended range WSD sensor)**

**ORDERING:**

**Display unit**

- 1 W410/BAT/D **display unit**
- 2 W410XB/BAT/D display unit, BLE compatibility

**Sets with sensors included**

- 3 W410/BAT/WS display unit, standard range WS sensor
- 4 W410XB/BAT/WS display unit, extended range WS sensor, BLE compatibility
- 5 W410/BAT/WSD display unit, standard range WSD sensor
- 6 W410XB/BAT/WSD display unit, extended range WSD sensor, BLE compatibility



1, 2



3



4



5



6

**OPTIONS**

Wind tunnel certificated version available

**OPTIONAL ACCESSORIES**

- 1 External antenna with 4 m cable, magnetic mounting
- 2 YAGI antenna

**MOUNTING ACCESSORIES**

- 3 Display magnetic mounting assembly



1



2



3



NAVIS

#### TECHNICAL DATA

<b>Wind speed measurement range:</b>	0,6...50 m/s
<b>Wind direction measurement range:</b>	0°– 359° (6 ° graph resolution)
<b>Temperature measurement range:</b>	-20....+60 °C
<b>Wind speed units:</b>	m/s, km/h, knots, mph
<b>Temperature units:</b>	°C, °F
<b>Data transmission rate:</b>	every 2 sec
<b>Wind speed averaging period:</b>	selectable 2 s, 10 s, 30 s
<b>Wind direction averaging period:</b>	10 s
<b>Wind speed resolution:</b>	0,1 m/s
<b>Wind direction resolution:</b>	6°
<b>Temperature resolution:</b>	1°C
<b>Wind speed accuracy:</b>	+/- 2,5 %, calibration possible in 0,5% steps
<b>Wind direction accuracy:</b>	+/- 2,5°, adjustable offset +/- 180°
<b>Temperature accuracy:</b>	+/- 1°C
<b>Communication frequency :</b>	868 MHZ
<b>Antenna input:</b>	50 Ohm, SMA connector
<b>Range:</b>	
- with standard range sensor	up to 500 m visible distance
- with extended range sensor	up to 1300 m visible distance
- with Yagi antenna	3-4 x nominal range
<b>Battery life - display unit:</b>	up to 1 year
<b>Temperature operating range:</b>	-20 ... +60 °C
<b>Alarms:</b>	adjustable max. alarm red light + continuous sound signal adjustable pre. alarm yellow light + interrupted sound signal
<b>Sound signal (integrated buzzer):</b>	85 dB/10 cm
<b>Dimensions:</b>	150 x 80 x 55 mm
<b>Weight:</b>	230 g (without batteries)

#### ADDITIONAL FOR W410XB/BAT

<b>Transmission distance from display unit to smartphone:</b>	up to 30 m
---	------------

Android application requires device with 4.3 OS or newer with Bluetooth BLE.

