

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)

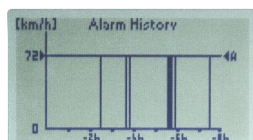
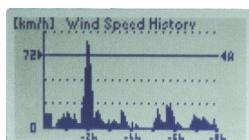
FUNCTIONS

- 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)
WS 011-1S (extended range WS sensor, solar)
WS 011-1A-EX (Atex certified WS sensor)



WSD 010-1 (standard range WSD sensor)
WSD 011-1 (extended range WSD sensor)
WSD 011-1S (extended range WSD sensor, solar)
WSD 011-1A-EX (Atex certified WSD sensor)

ORDERING:

Display unit

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

Sets with sensors included

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|---|-----------------------|--|
| 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



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OPTIONS

Wind tunnel certificated version available

OPTIONAL ACCESSORIES

- 1 External antenna with 3 m cable, magnetic mounting
- 2 YAGI antenna
- 3 Protective transport case for set with wind speed or wind direction sensor

MOUNTING ACCESSORIES

- 4 Display magnetic mounting assembly



1



2



3



4



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TECHNICAL DATA

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

ADDITIONAL FOR W410XB/BAT

Transmission distance from display unit to smartphone:	up to 30 m
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Android application requires device with OS 6 or newer

