



NAVIS

WINDY WR4-WP

Portable Wireless Anemometer with Integrated Safety Alarm



OVERVIEW

The **WINDY WR4 WP** is the ruggedized evolution of our portable wind measurement series, specifically engineered for demanding environments. Combining the simplicity of the standard WR4 with a **waterproof build** and a **shock-protected rubber cover**, this unit is designed to thrive on harsh job sites where equipment durability is essential. Eliminating the hassle of wires and delivering real-time data for site safety, the WR4 WP is the ultimate tool for crane operators, temporary outdoor installations, and heavy-duty industrial applications. With its integrated wind speed alarm, you get professional-grade monitoring in a package built to withstand the elements.

WINDY WR4-WP KEY FEATURES

Extreme Durability: Fully **waterproof** and encased in a **shock-protected rubber cover** to handle drops, splashes, and rough handling.

Range up to 400 m

Flexible Orientation Mode: Easily switch between two display views: **Vertical:** See all wind data at once for comprehensive monitoring. **Horizontal:** Extra-large digits for high-visibility reading from a distance.

Extended Battery Life: The internal rechargeable battery provides up to **2,000 hours** (over 83 days) of continuous use.

USB-C Charging: Quick and easy recharging using standard USB-C cables.

Night Illuminated Graphic LCD: reliable readings in any light condition.

System Compatibility: Works with the full range of NAVIS wind sensors, allowing you to customize your setup.

Multiple display operation: Single sensor can operate with multiple displays, placed on different locations.

Solar Option: For fixed setups, combine the WR4 with our optional solar-powered sensor to achieve truly maintenance-free operation.

CE and FCC versions

FUNCTIONS

- current, average and peak wind speed
- air temperature
- max.wind speed alarm
- all standard units (m/s, km/h, knots, mph, Bft)



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COMPATIBLE SENSORS:



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



WS 011-1SB (solar WS sensor, extended range)

ORDERING:

Display unit

- 1 WR4-WP/D

Sets with sensor included

- 2 WR4-WP display unit, WS 010-1A sensor
- 3 WR4-WP-SB display unit, WS 011-1SB sensor
- 4 WR4-WP-FCC display unit, FCC sensor



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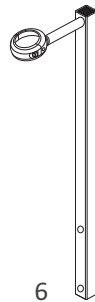
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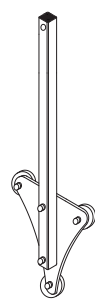
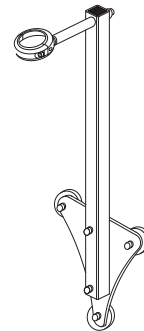
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OPTIONAL ACCESSORIES:

- 1 Protective storage case WR4-WP
- 2 Wall mounting holder WR4-WP
- 3 Adjustable mounting holder WR4-WP
- 4 Magnetic mounting holder
- 5 USB C power adapter
- 6 Various sensor mounting kits



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TECHNICAL DATA

Wind speed measurement range:	0,7...50 m/s
Current wind speed:	0,5 s, 1 s or 2 seconds update, depends from sensor settings 2 seconds update at FCC version
Average wind speed:	selectable averaging: 10 s, 30 s; 1, 2 or 5 minutes
Peak wind speed:	highest recorded current wind speed since reset or power on
Wind speed alarm:	adjustable max. alarm (sound signal, 83dB/10cm)
Wind speed resolution:	0,1 m/s (up to 9,9); 1 unit (above 10)
Wind speed units:	m/s, km/h, knots, mph, Beauforts
Wind speed accuracy:	+/- 2,5 %
Temperature measurement range:	-30....+60 °C
Temperature units:	°C, °F
Temperature resolution:	1°C
Temperature accuracy:	+/- 1°C
Temperature operating range:	-10....+50 °C
Temperature storage range:	-30....+60 °C
Communication frequency :	868 MHZ (915MHz FCC version)
Antenna:	internal antenna
Range:	up to 400 m - visible distance
Power supply:	rechargeable LiPo battery, USB-C charging connector
Battery life:	up to 2.000 hours up to 500 hours with display illumination
Dimensions:	121 x 77 x 28 mm
Weight:	180 g

Alternations in specifications are subject to change without notice.