



**Navis WL 12X/WS Wireless Anemometer
Wind Logger extended range with Antenna**



SKU: NAVWL12WSX
 Manufacture warranty period: 12 months
 Country of Origin: Slovenia

Features:

- easy-to-use solution for wind site evaluation
- easy installation without running cables
- shows and store all vital wind data
- **range up to 1000 m with external antenna and extended range sensor**
- receiver up to 1 year battery life
- extended sensor up to 3 years battery life
- battery or external powered
- built-in battery back-up real time clock
- large, night illuminated LCD display

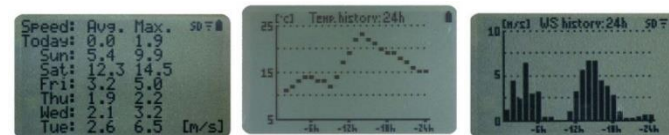
Functions:

- current wind speed
- temperature
- 24h wind speed and temperature history graphs
- 7 days history of instant and average wind speed
- date and time

Store to SD card:

- Average and maximum wind speed in selected interval
- Temperature
- Each data has date and time stamp

History Displays





Technical Data:

- Logging: average and maximum wind speed, temperature
- Logging interval: selectable: 10 s, 1 min, 10 min, 60 min
- Data recording: up to 12 months, .txt data format
- Memory card: micro SD (4Gb enclosed)
- Wind speed measurement range: 0,6...50 m/s
- Temperature measurement range: -30 ~ 55 °C
- Wind speed units: m/s, km/h, knots, mph
- Temperature units: °C, °F
- Wind speed resolution on: 0,1 m/s
- Temperature resolution on: 1°C
- Wind speed accuracy: +/- 2.5%, calibration possible in 0.5% steps
- Temperature accuracy: +/- 1°C, calibration possible in 0.5 °C steps
- Communication frequency: 868 MHZ
- Data transmitting: every 2 seconds
- Range: with external SMA antenna and extended range sensor, up to 1000 m visible distance
- Output power: extended range sensor WS011-1: +15dB (32mW)
- Sensor temperature operating range: -30 ~ 55 °C
- Battery, WS sensor: 3,6V AA Lithium battery (included)
- Battery, receiver: 4 x 1,5 V AA battery (not included)
- Battery life, WS sensor: up to 3 years (WS 011-1)
- Battery life, receiver: up to 12 months (without display illumination)
- Sensor bearing: 2 x precision stainless steel ball bearing (replaceable)

- External power supply: 5V DC
- External power connector: micro USB (adapter is not enclosed)
- Casing receiver: ABS, 115 x 83 x 32 mm
- Material
 - sensor housing: Anodized Aluminium, PVC
 - cups (replaceable): PA (Polyamide)
- Dimensions - WS sensor: Height 210 mm, overall diameter cup to cup 120 mm
- Mounting sensor: the sensor mounts on ø 20 mm pipe
- Antenna input, receiver: 50 Ohm, SMA connector

Package includes:

- 1 x WL12/D display unit
- 1 x External SMA antenna
- 1 x WS 011-1 extended range sensor
- 1 x Micro SD Card
- 1 x User manual





Optional - Navis Self Levelling Mounting Assembly with Magnetic Round Base for WS Sensor



Technical Data:

- Material: Stainless Steel
- Dimensions: Height 230mm, Length 110mm

