

LONG RANGE WIRELESS WIND LOGGER

JWS-L401 , JWS-L401X
JWSD-L401N , JWSD-L401XN

FEATURES

- easy-to-use solution for wind site evaluation - shows and store all vital wind data
- range up to 250 m (1200 m at JWS-L401X model)
- easy installation without running cables
- replaceable anemometer cups
- up to 4 years sensor battery life

FUNCTIONS

show on LCD

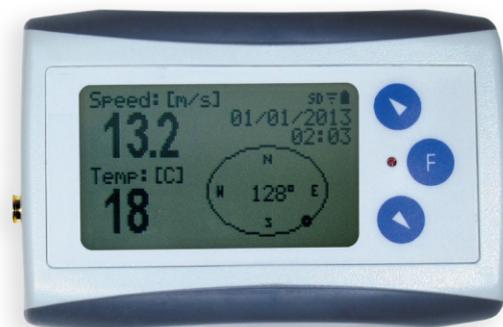
- current wind speed
- temperature
- wind direction (option)
- 24h wind speed and temperature history graphs
- 7 days history of instant and average wind speed
- date and time

store to SD card

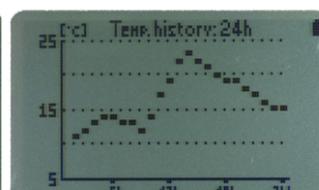
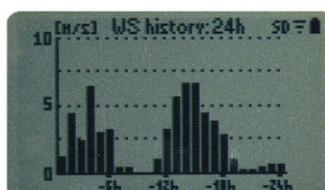
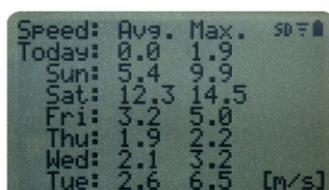
- average and maximum wind speed in selected interval
- temperature
- average wind direction (option)
- each data has date and time stamp



range up to
250 (1200) m



SHOW HISTORY



TECHNICAL DATA

Logging:	average and maximum wind speed, wind direction, 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
Wind direction measurement range:	0°– 359°, no blank sector
Temperature measurement range:	-40....+60 °C
Wind speed units:	m/s, km/h, knots, mph
Temperature units:	°C, °F
Wind speed resolution:	0,1 m/s
Wind direction resolution:	1°
Temperature resolution:	1°C
Wind speed accuracy:	+/- 3%, calibration possible in 0,5% steps
Wind direction accuracy:	+/- 2,5°, adjustable offset +/- 180°
Temperature accuracy:	+/- 1°C, calibration possible in 0,5 °C steps
Communication frequency :	868 MHZ, optionally 908 Mhz
Data transmitting:	every 2 seconds
Range:	type JWS-L401,JWS-L401N up to 250 m visible distance type JWS-L401X,JWS-L401XN up to 1200 m visible distance (3-5km with Yagi antennna)
Battery, sensor:	1 x 3,6 V AA Lithium ba ery (included), replaceable
Battery, receiver:	2 x 1,5 V AA ba ery (not included)
Battery life, sensor:	up to 4 years (up to 3 years at JWS-L401X model)
Battery life, receiver:	up to 12 months
Sensor bearings:	2 x precision stainless steel Ball bearing
Casing receiver:	ABS, 94 x 63 x 28 mm
Material - sensor housing:	Anodized Aluminium, PVC
- cups (replaceable):	PA (Polyamide)
- vane (replaceable):	Carbon
Dimensions - JWS sensor:	Height 210 mm, overall diameter cup to cup 120 mm
Dimensions - JWSD sensor:	Height 290 mm, overall vane diameter 220 mm
Mounting JWS sensor:	the sensor mounts on ø 20 mm pipe
Antenna input, receiver:	50 Ohm, SMA connector

Models, standard range:



JWS-L401



JWSD-L401N

Models, extended range:



JWS-L401X



JWSD-L401XN

OPTIONS

- Wind tunnel certificated version available
- Sensor with 50 Ohm output for connecting the external antenna (SMA connector)

SENSOR MOUNTING ACCESSORIES

- Self levelling mounting assembly 1
- Magnetic mounting assembly
- Magnetic self levelling mounting assembly

RECEIVER ACCESSORIES

- External antenna with 4 m cable, magnetic mounting 2
- YAGI antenna 3

SPARE PARTS

- Spare anemometer cups 4
- Spare wind vane 5
- Spare sensors 6

