

## DATA LOGGER BASIC



**The process of data importing is done via IP67 USB slot and does not require opening the housing, disassembling the logger, or stopping the measuring process.**

**The logger can be set to the following modes:**

- rainfall and temperature
- wind speed and wind direction



The data logger operates in a continuous mode. It does not just sample the measurements from time to time, but calculates ALL impulses generated by the sensors. The amount of impulses is recorded once a minute.

The logger's housing is weatherproof and can be installed outdoors.

Importing data from the wind logger is performed by inserting a USB memory stick into a USB slot. This way, you do not need to open the housing every time you want to import data from the logger and expose the electronics to humidity and other hazardous field conditions.

The data is not recorded on an SD card but on a more reliable internal memory located on a printed circuit board.

The wind logger is powered by two R20 batteries. It is built with the latest, energy efficient components and should be able to operate for a standard period of 6 months without battery replacement.

### TECHNICAL SPECIFICATION

Battery voltage	3.0 V
Operating temperature	-30°C...+50°C
Logging rate	1 minute
Data import time	up to 40s
Input channels	1 x rainfall or wind speed 1 x temperature or wind direction
Internal memory	720 days
Size	60mm x 82mm x 157mm
Data import	via USB port
Protection (housing)	IP55
Battery type	2 x R20 alkaline
Battery life	6 months
Data analysis	offline software

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