DATA LOGGER ADVANCED

Operates in a continuous mode and counts ALL impulses generated by the wind speed sensors and records the data every minute.

Calculates 1 minute standard deviation for each wind speed sensor.

The battery voltage is logged every 23 minutes. It allows an easy control of the energy consumption without the necessity to open the housing

The logger is powered by two R20 batteries and operates for a standard period of 6 months on one set.

Every ADVANCED data logger comes with a free data analysis program. It presents all gathered data on precise graphs, histograms and a wind rose.

Data importing is done through IP67 USB slot.

Polycarbonate housing – lightweight, high impact resistant with a gloss finish. Completely waterproof and dust-tight (IP 66/67). Battery container made of stainless steel.

- **3 inputs for weather sensors**
- **built-in temperature and battery voltage sensors**
- **housing made of Polycarbonate with IP 66/67**
- **battery container made of stainless steel**

The logger can be set to the following modes:

- rainfall, wind speed and direction and temperature
- 2 x wind speed and wind direction and temperature

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 rainfall or wind speed 1 x temperature or wind direction
Internal memory	720 days
Size	55mm x 100mm x 160mm
Data import	via USB port
Temperature log. rate	10 minutes
Battery voltage log. rate	23 minutes
Protection (housing)	IP66/67
Housing material	Polycarbonate
Battery type	2 x R20 alkaline
Battery life	6 months
Data analysis	offline software