



**EMS Brno**

**Data Acquisition Environment**

Hardware – Software – Cloud application

[www.emsbrno.cz](http://www.emsbrno.cz)

## Wind sensor set DS2



### Wind sensor:

- Ultrasonic sensor Decagon DS-2
- Registers speed and direction or vector and sonic temperature
- Economy solution
- SDI-12 connection
- Range 0 to 30 m/s
- Resolution 0.01 m/s
- Wind speed accuracy 0.3 m/s or 3% (whichever is larger)
- Wind direction accuracy  $\pm 3^\circ$
- Operating range -40 to 50 °C



### Datalogger

- MicroLog SDI MP (IR data access)
- 256 kB flash memory
- Memory capacity 100,000 records; 10 months of 10 minute values
- Measuring intervals 1 min to 4 hrs
- Interval of averaging 1 min to 4 hrs
- Battery lasting 10 months when measuring each minute
- Battery SAFT LS14500

