



Applications

- remote area data collection
- temporary and fixed installations
- sport events
- pollution monitoring
- environmental protection
- industrial waste management
- flood early warning
- research, education
- building industry
- irrigation

Mobile Meteorological Station

Based on Vaisala's WXT510 compact sensor and EasyLog datalogger, Mobile Meteorological station offers full comfort and accuracy for the user. For harsh transportation conditions as well as difficult environmental operating conditions it is packed into highest quality protection case with IP67 rating.

EasyLogWXT datalogger is added to a well known sensor. This combination offers data logging with 10s interval on SD memory card with practically unlimited capacity. Internal batteries offers about seven days of autonomous operation. EasyLogWXT include display for actual air temperature, relative humidity, wind speed and direction parameters. Wind is showed in online mode, 2 minute or 10 minute vector moving averages. Additionally, monitoring RS232 cable can be connected.

Display offers quick control on battery state (internal charging) and at low light condition possible backlight.

Parameters

Air Temperature	
Range	-52°C...+60°C
Accuracy	0.3°C
Relative Humidity	
Range	0...100%RH
Accuracy	3% (0..90%RH)
Wind Speed	
Range	0...60m/s
Accuracy	3% (0..35m/s)
Wind Speed Maximum	recorded
Wind Direction	
Range	0...360°
Accuracy	3°
Barometric Pressure	
Range	600..1100hPa
Accuracy	0.5hPa
Rainfall	
Resolution	0.01mm
Accuracy	5%
Rain Duration	
Resolution	10s
Rain Intensity	mm/h
Hail	
Resolution	0.1hits/cm ²
Hail duration	
Resolution	10s
Hail Intensity	hits/cm ² h

