TECHNICAL SPECIFICATION

EnviLog

Internal temperature sensor	
Typical accuracy	+- 0.5 °C
Integration	inside EnviLog body, automatically included in every configuration
Ambient temperature and relative humidity sensor	
Temperature range	-20 °C to + 85 °C
Typical accuracy	+- 0.2°C (T) / +- 2% (RH)
Resolution	0.01°C (T) / 0.01% (RH)
Long-term drift:	0.03°C/year (T) / 0.25%/year (RH)
IP protection rating:	IP53 with optional cover (IP50 without cover)
Temperature Probe	
Temperature range	-20 °C +100
Typical accuracy	+- 0.2°C
Resolution:	0.01°C
IP protection rating	IP68
Soil Moisture Probe	
Typical accuracy	+-2% (at 25°C)
Active length	94 mm (soil insertion depth)
Temperature range	-40°C to 85°C
IP protection rating	IP68
Light Sensor (PAR)	
Range	0 - 2500 µmol. m^{-2}. s^{-1}
Typical accuracy	+-5% (at 25°C)
Resolution	0.1 µmol. m^{-2}. s^{-1}
Temperature range	-25°C to 85°C
IP protection rating	IP53
CO_2 Sensor	
Range	400 - 10 000 ppm
Typical accuracy	±30.0 ppm ±3.0 %m.v.
Temperature stability	2.5 ppm/°C
Temperature range	0°C to +50°C
Humidity operating range	0%RH to 95%RH
IP protection rating	IP50
Integration	The CO_2 sensor comes with built-in T+RH sensing capabilities.

Technical Data	
Operating Temperature	+5°C - +45°C (short-term -15°C - + 60°C, not charging)
Charging and communication	USB-C port (0.5m USB cable included)
Battery	rechargeable
Estimated battery life	- light workload: 12 Months (online mode, measure every 1h, data send every 1d) - high workload: 5 Months (online mode, measure every 10 minutes, data send every 1h)
Dimensions (W × D × H)	depends on the configuration of the selected sensors
Weight	depends on the configuration of the selected sensors
IP protection rating	IP54*
Software	
Online / Offline	EnviLog server software pack including database and Web interface to access data and configuration Wirelessly EnviLog desktop applications (Windows or Linux) to access data and configuration over USB cable

**Can be affected depending on the sensor configuration.*