

## Technical Information

<b>Power Supply</b>	7.7Ah Internal Lithium Battery (Type C)
<b>Battery Life</b>	4 years (typical, samples every 60 minutes)
<b>Measurement (4 channels)</b>	<ul style="list-style-type: none"> <li>• Frequency</li> <li>• Temperature</li> </ul>
<b>Sampling Interval</b>	Selectable from 5 minutes to 7 days*
<b>Temperature Range</b>	Operating: -20°C ÷ +50°C Storage : -40°C ÷ +70°C
<b>Connections</b>	USB
<b>Sealing</b>	IP65
<b>Dimensions</b>	120 x 90 x 50mm
<b>Weight</b>	350g
<b>Case Material</b>	ABS
<b>Mounting</b>	Fix on 4 points
<b>Cable Diameter</b>	3mm minimum - 6,5mm maximum
<b>Copper Wire Section</b>	0.05 ÷ 2.5mm² / ÷ 14 AWG



### Smart Datalogger

Datalogger with 4 channels, two vibrating wires (extensometers, piezometers, crack meters) and two temperatures.

With a backup memory onboard may store the last 64.000 samples per channel even if the wireless link is down.

Through the configuration software the sampling interval may be set and 2 thresholds per channel are activable.

- The downloading of data from the datalogger is possible through a PC and the SW-DCET software (WineCap Manager) connecting to a high speed USB port.
- The data stored on the PC could be synchronised with the Service Centre [www.winecap.it](http://www.winecap.it) (available also via tablet and smartphone) let them accessible via Internet to the qualified users, offering a centralized and secured management (subdivided for sites) of the measurements.
- Through the WEB SERVICES SOAP function, is possible to duplicate the databases present on the Service Centre to an external server (site or portal).

## Temperature

<b>Sensor Type</b>	NTC 3K
<b>Measure Range</b>	-20°C .. +70°C
<b>Measure Accuracy</b>	0.25°C at 25°C
<b>Measure Resolution</b>	0.01°C

## Frequency

<b>Sensor Type</b>	Vibrating Wire
<b>Measure Range</b>	500 - 4000 Hz
<b>Measure Accuracy</b>	± 50ppm
<b>Measure Resolution</b>	0.1 µs / 0.1 Hz

\* Minimum interval depends by WSD configured on the network

The features shown may be subject to change without notice.

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