

SD00T

SD00T_LD

Smart Datalogger
Indoor Temperature Measurer



Technical Information**

Power supply	<ul style="list-style-type: none">• SD00T: 2.4A/h - 3.6V type "AA" lithium internal battery• SD00T_LD: 8.5A/h - 3.6V type "C" lithium internal battery
Battery life (*)	<ul style="list-style-type: none">• SD00T: Up to 5 years• SD00T_LD: Up to 12 years (samples every 10 minutes)
Measures acquired (1 channel)	Indoor temperature
Sampling interval (*)	Selectable from one minute to 24 hours (10 minutes default)
Working temperature	<ul style="list-style-type: none">• Operative: -30°C ÷ +60°C• Warehousing: -40°C ÷ +70°C
Sealing	IP30
Dimensions	<ul style="list-style-type: none">• SD00T: 80 x 80 x 25 mm• SD00T_LD: 120 x 80 x 33.5 mm
Weight	<ul style="list-style-type: none">• SD00T: 100g• SD00T_LD: 224g
Case material	ABS
Mounting	Fix on 2/4 points
Connections	USB



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Smart Datalogger.

The **SD00T** and the **SD00T_LD** are **dataloggers** with one input channel to measure indoor temperature, with storage functionality of samples acquired.

With a backup memory onboard, may store the last 128,000 samples per channel, even if the wireless link is down. Samples can be downloaded using a USB connection.

Using the configuration software, the sampling interval may be set and two thresholds per channel can be activated.

- The downloading of data from the **datalogger** is possible through a PC and the [WineCapManager](http://www.winecap.it) software 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, for qualified users, using a common Internet browser, offering a centralized and secured management (subdivided by sites) of measures.
- Through a WEB SERVICES SOAP function, [Service Center](http://www.winecap.it)'s databases duplication to external servers (sites or portals) is available.

Indoor temperature

Transducer type	NTC10KΩ
Measure range	-10°C ÷ +60°C
Measure accuracy	±0.2°C in whole range
Measure resolution	0.01°C

* battery life may be influenced by fieldwork conditions, sampling interval and system configuration. - refer to User Manual.

** Available with ACCREDIA calibration certificate or manufacturer certificate.

The features shown may be subject to change without notice.

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