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**SCAN ME**

## SI-TL1 DATA LOGGER



The SI-TL1 data logger is a small and compact multipurpose data logger for recording air pressure, height above sea level, temperature and 3-axis acceleration. With its size of only 53.5 x 15 mm and a weight of 19 grams, the SI-TL1 is very easy to attach or to be stored. The data records can be transferred to a computer via the SI-TL1 interface cable and then be analyzed with the free analyzing software.

An altimeter module for air pressure (10 to 1100 mbar) and temperature (-20 to +60 °C) and a sensor for 3-axis acceleration (-16 to +16 g each axis) are integrated in the SI-TL1 which record data with a measurement frequency of 4/sec to the internal memory.

### Technical Data

<b>Medium:</b>	Air
<b>Memory capacity:</b>	4 MB for over 2 million measurements
<b>Sensors:</b>	Altimeter module 3-axis acceleration sensor
<b>Measurement ranges (Accuracy):</b>	
Air pressure	10 to 1100 mbar ( $\pm 1.5$ mbar)
Height above sea level	-700 to +26000 m (about $\pm 25$ m at sea level)
Temperature	-20 to +60 °C ( $\pm 0.8$ °C at 20 °C)
Acceleration	-16 to +16 g each axis ( $\pm 0.040$ g)
<b>Resolution:</b>	
Air pressure	0.1 mbar
Height above sea level	about 0.8 m at sea level
Temperature	0.1 °C
Acceleration	0.048 g
<b>Measurement rate:</b>	4/sec
<b>Battery:</b>	3 x 1.5 V button cell AG13 or LR44 Connect to USB-Port via SI-TL1 interface cable for data retention when changing batteries.
<b>Software:</b>	Siemert Datalogger V2
<b>Interface:</b>	SI-TL1 USB interface cable
<b>Dimensions (L x D):</b>	53.5 x 15 mm
<b>Weight:</b>	about 19 g (with batteries)
<b>Standards:</b>	RoHS, WEEE, CE

More information on [www.siemert.de](http://www.siemert.de)

Please contact us for prices and order information: [info@siemert.de](mailto:info@siemert.de)