

**TEMPERATURE - HUMIDITY DATALOGGER  
SEFRAM LOG 1620****Box content:**

- ✓ 1 Temperature Humidity Datalogger SEFRAM
- ✓ 1 USB cable
- ✓ 1 PC software (Compatible with Windows XP, 7, 8) downloadable from SEFRAM website

**Powering-on the datalogger:**

To power-on your datalogger, press « START » pushbutton during more than 2 seconds. The datalogger starts and displays temperature.

**Installing the software:**

Download the software from the SEFRAM website:

<https://bkpmedia.s3.amazonaws.com/downloads/software/LOG1601.zip>

Open the downloaded file and run « setup.exe ». The installation process starts. Please follow the instructions on your computer.

**Setting-up the datalogger:**

- Connect your datalogger to the PC with the USB cable supplied.
- Press “Start” pushbutton of the datalogger during more than 2 seconds to power-on the datalogger (during first connection your computer will install automatically the driver). The PC and the datalogger are now connected.
- Click on “Temperature and RH “ of your computer to run the software
- Click on “Setup” to enter the “Setup” menu
- Define the parameters for your logger (name, sampling time, units...)
- Click on “Save” to save your setup

**Recording data (temperature and humidity):**

To start or stop recording temperature and RH with your datalogger, press « START ». When the datalogger is recording, « REC » symbol is display on the LCD of the datalogger.

**Changing units between °C and °F:**

Press once on « °C/°F » pushbutton.

**Technical specifications:****Temperature**

- Measurement range : -40 to 85°C (-40 to 185°F)
- Accuracy : ± 0,6°C (1,2°F) from -20 to 50°C (-4 to 122°F)  
± 1,0°C (1,8°F) for other ranges
- Resolution : 0,1°C

**Relative humidity**

- Sensor type: capacitive sensor
- Humidity measurement range: 1-99%
- Accuracy: ± 3% RH (20 to 80%) and ± 5% RH (>80%)

**General specifications**

- Memory : 50 000 records
- Display : 2 x 3 digits LCD, with units and symbols
- LED : 1 red LED for alarm, 1 green LED for record
- Sampling : 5/10/30 Seconds, 1/5/10/30 Minutes, 1 / 2 Hour
- Battery : 1 battery lithium ½ AA 3,6V
- Battery life time : 1 year (typical)
- External power supply of the datalogger : 5VDC, 0,5A (adapter not supplied)
- Operating temperature : -40 to +85°C
- Storage temperature : -40°C to +85°C
- Dimensions : 85\*60\*24mm
- Weight : 77g

**Optional accessories:**

Battery (3.6V ½AA Lithium) : 915005200

Main adaptor: 916201000

**Battery replacement:**

When the battery symbol shows an empty battery, you have to replace the battery. Save your data, power-off the datalogger and remove the back cover by unscrewing the 4 screws located at the corners. Remove and replace the battery, checking the polarity. Put back the cover and the 4 screws. Be sure to use the same type of battery as the one specified. Your datalogger is ready to work.

**SEFRAM**

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