GKLog **T** KTR
GKLog **Frozen T** KTR
GKLog **T&H** KTR

INSTRUCTIVE OF USE

GK Log KTR

Green Keeper

Instructions of use Datalogger GKLog T KTR

ACTIVITIES TO BE DEVELOPED:

The GKLog T KTR Datalogger is a single-use TEMPERATURE logger, i.e. it can only be used for one trip. It generates a PDF report without the need for software or interface. This logger comes pre-programmed from the factory. It has a capacity of 8,000 readings, with measurements every 16 minutes, has a life of 90 days.

1- The GKLog T KTR Thermoregister comes in a first plastic bag. This pouch is sometimes inserted into a larger pouch together with the instructions for use.

2- In case there is this second larger bag with the instructions, open it. You will find the GKLog T KTR logger inside another small bag. Therefore, we recommend not to take it out and, once it is set up, if you have it, place it inside the larger bag, since, being inside the container, the humidity may affect the USB port of the logger.

3- Once you have the recorder, you will be able to appreciate a circle of color green, this is the START button and right by its side there is a RED circle that is the OFF button.

4- To start taking temperature readings with the recorder, you must press the green circle button for 3 seconds at a time. It is important to hold it during this time because, if this is not done correctly, the recorder will not start the corresponding readings. Once this time has elapsed, you can visually check if the recorder has started to operate. Since the red light will be flashing every 4 seconds, this indicates that it is on and making the corresponding measurements.

5- When the recorder reaches its final destination and you want to download the data from it, simply press the red OFF button for 3 seconds, you can take it out of the bag and connect it directly to the USB port of the computer and it will stop automatically.

6- Three files will automatically download, one in PDF, one in EXCEL and one in TXT. The PDF file will show the device configuration and information during the trip. It will also show the start date and end date of the temperature, temperature intervals, log summary statistics and temperature graphs. The logger can take temperatures from -30 degrees to +70 degrees.

7- EXCEL and TXT files will show you this same information, with detailed measurements, but in Excel or Text. Once the information is downloaded to your computer, you can make a folder with the history of the trips and keep a record of how the temperature behaves in the different types of products you transport.

8- In the part of back of the recorder you will find two stickers with the serial number of the recorder for his respective follow-up, will appear a code of bar and below FOUR letters (followed of 7 numbers).
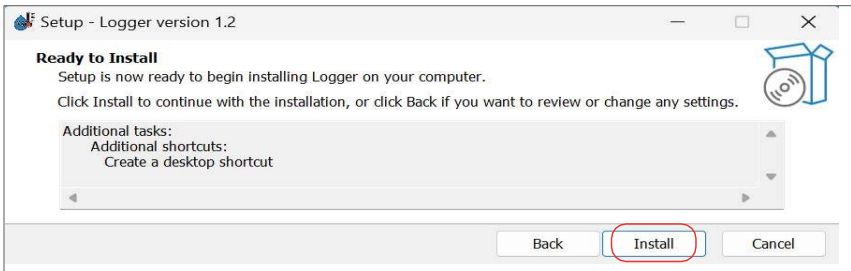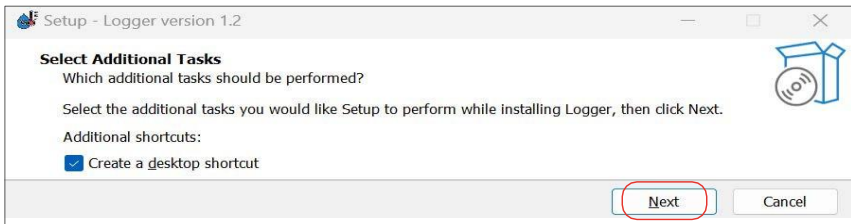
DATALOGGER GKLog T KTR

Instructions of use Software and data in the Cloud:

These are an explanation of how the logger software works to visualize and save data in the cloud to avoid loss of information.

DOWNLOAD AND INSTALLATION:

To download the software, you can go to the following website: https://kaptar.io/cadena-de-frio/ and click on "DOWNLOAD" to download the "Logger Setup.exe" file. Once downloaded, just double click on the file and follow the installation steps

Once installed, the following icon will appear on your desktop which is the icon for the logger application. If you double click on it you will be able to access it where **you will be able to visualize the data in more depth as explained in the following page**.
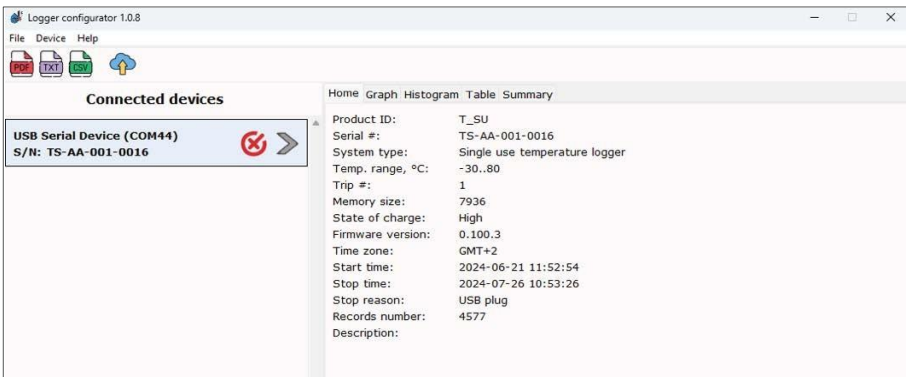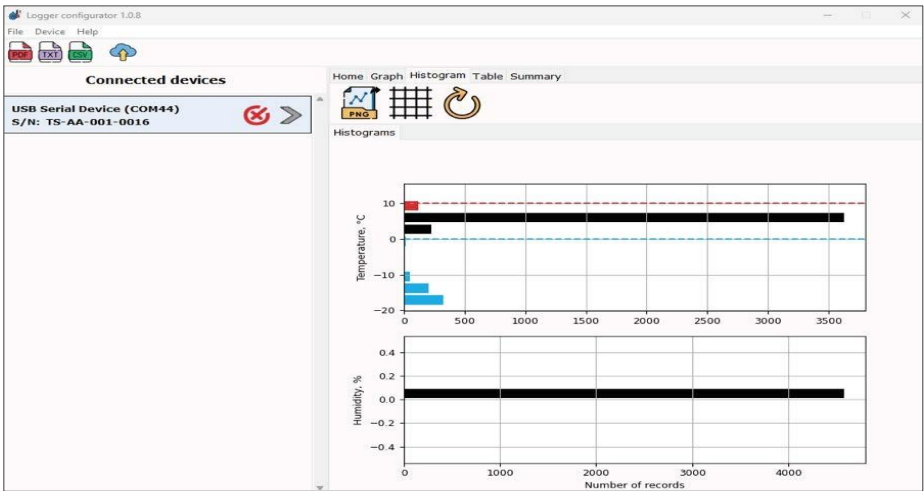
Next ▶

Use of the Software:

The home screen will look like this, when you connect a device it will look like in the picture below, where it shows the basic information of the device. To view the rest of the information you will have to select the different tabs at the top.

1- The image on the right shows the selection of the "Graph" tab.

In this one you can see the graph of the data recorded during the trip, the alarms and in case you have exceeded any alarm the area in blue or red color. In this same graph if you place the cursor over it and move the mouse wheel forward and backward you can ZOOM in and ZOOM out the data, and if you hold down the right mouse button and drag the graph you can move the graph in the direction you want.

2. In the "HISTOGRAM" tab you will see the following:
Here you can see the number of measurements at a certain temperature to have a quick and estimated indication of how much time has been spent in each section.:

3. The "TABLE" tab shows the following:
Here all the data are presented with their date and time of measurement in case the user wants to consult a specific one.

	Timestamp	Temperature, °C	Humidity, %	Annotation
1	2024-06-21 11:52:54	6.6	0.0	
2	2024-06-21 12:03:54	6.4	0.0	
3	2024-06-21 12:14:54	6.4	0.0	
4	2024-06-21 12:25:54	6.4	0.0	
5	2024-06-21 12:36:54	6.4	0.0	
6	2024-06-21 12:47:54	6.4	0.0	
7	2024-06-21 12:58:54	6.3	0.0	
8	2024-06-21 13:09:54	6.4	0.0	
9	2024-06-21 13:20:54	6.4	0.0	
10	2024-06-21 13:31:54	6.4	0.0	
11	2024-06-21 13:42:54	6.4	0.0	
12	2024-06-21 13:53:54	6.2	0.0	
13	2024-06-21 14:04:54	6.3	0.0	
14	2024-06-21 14:15:54	6.4	0.0	
15	2024-06-21 14:26:54	6.6	0.0	
16	2024-06-21 14:37:54	6.6	0.0	
17	2024-06-21 14:48:54	6.6	0.0	
18	2024-06-21 14:59:54	6.6	0.0	
19	2024-06-21 15:10:54	6.6	0.0	
20	2024-06-21 15:21:54	6.6	0.0	

4. The "SUMMARY" tab displays the following:
Here is a summary of the information recorded during the tour with all relevant data for the user.

	Parameter	Value
1	Serial #	TS-AA-001-0016
2	Description	
3	Memory size	7936
4	Temperature range	-30..80
5	Trip #	1
6	System type	Single use temperature logger
7	State of charge	High
8	Firmware version	0.100.3
9	Temperature unit	Celsius
10	Timezone	2
11	Timezone code	GMT
12	Start mode: auto at	Disabled
13	Start mode: manual delay	30 minutes
14	Stop cond: duration	Disabled
15	Stop cond: max. records	7936
16	Measure period	11 minutes
17	Humidity sensor	Disabled
18	Light sensor	Disabled
19	Stop button	Disabled
20	Date format	ISO (yyyy-mm-dd)
21	Time format	Europe (hh:mm:ss)
22	Started time	2024-06-21 11:52:54
23	Stopped time	2024-07-26 10:53:26
24	Stop reason	USB plug
25	Recordings number	4577
26	Temperature high thr.	10.0

Information in the Cloud:

Just by having the software installed, every time a device is connected to the computer it will recognize it and upload the PDF to the GREEN KEEPER database to save its path so that it can be downloaded at any time. There is no need to open the application every time a device is inserted to save its information, it will do it automatically.

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PDF TRACKER

Introduce the serial number of the datalogger used to retrieve the PDF. Example: TS-AZ-001-0234

TS-AA-001-0016

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GreenKeeper Iberia, S.L.

www.greenkeeperiberia.es

(+34) 91 380 04 08   Sierra Vieja, 13 - 28031 Madrid (SPAIN)   info@greenkeeperiberia.es