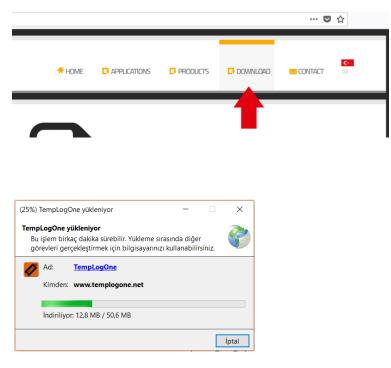


PDF LOGGER USER MANUAL

- **1- INSTALLATION OF ANALIZING PROGRAMME**
- 2- CHANCING DEVICE FACTORY SETTINGS
- **3- OPERATING DEVICE**
- 4- QUICK ALARM CONTROL OVER DEVICE AND PLACING AN END-OF-SHIPMENT MARK
- 5- READING DATA IN ANALYSIS PROGRAMME
- 6- CREATE A REPORT IN EXCEL OR PDF
- 7- SAVING AND READING DATA TO COMPUTER
- 8- SENDING DATA TO WEB AND READING DATA FROM WEB
- 9- DOWNLOADING CALIBRATION CERTIFICATE

1. Installation of Analysis program

By entering <u>www.pdflogger.com</u> you can download analysis program to your computer by clicking on the download link.



You can start the setup process by double clicking on the downloaded File

The program will open automatically after installation

File	
General Ceneral Ceneral Ceneral Ceneral Create Pdf Create Excel Send to web	Exit Tools Settings Exit
Device Information Serial Number Capacity Measurement Interval Record Time Startup Delay Startup Time Finish time	Temperature USB MARK HARD RESET
Minimum / Maximum Average Upper Alarm Limit Lower Alarm Limit Description	0 Time zone + ▼ 03:00 ‡ 27.02.18 00 27.02.18 00:01 index Save
Description Startup Time	
Connection waiting	

The first pop-up display includes language options, temperature unit setting, and time zone settings. These settings can be changed at any time under the SETTINGS menu.

2. Changing device factory settings

Insert the non-activated device into your computer

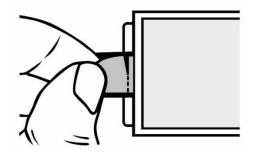


Click the Setting icon, then the FACTORY settings icon from the Program menu

Factory settings			×
Settings			
Serial Number			
Record Time	30		(day)
Measurement Interval	9 min		
Startup Delay	30		(min)
Upper Alarm Limit	8	¢	
Upper Alarm Time	30	÷	
Lower Alarm Limit	2	÷	
Lower Alarm Time	30	¢	
			Save

Set the device recording time, lower and upper temperature limits, start and alarm delay time according to your needs on the opening window. Save settings to the device by pressing the Save Key.

3- Operating device



You can run the device by tearing the START pad in the back of the Device.

When the pad is torn, the device will start recording. The LEDs on the front of the device blink 3 times to indicate that the recording process has begun.

4- Quick ALARM control over the device and placing an end-of-shipment mark



The alarm status of the activated and recorded device can be controlled by the LEDs on the Device.

Press the button 1 time, the right top of the LEDs will be instantaneously on according to the alarm status.

Red LED: High temperature Alarm condition occurring

Green LED: No alarms occurred

Yellow LED: Low temperature alarm status is occurring.

Red and Yellow LED: indicates a high and low temperature alarm has occurred.

End of shipment mark (MARK)

Pressing the button 3 times consecutively on the device will be placed the end of the shipment. In the meantime, all LED lights will be lit at the same time for a short time. The end of shipment mark will be visible in the device report when the device is inserted into the Computer.

5- Reading data in the analysis program

To analyze the data in the device, plug the device from USB to your computer.

The software will automatically read the device and display the recorded data on the Screen.

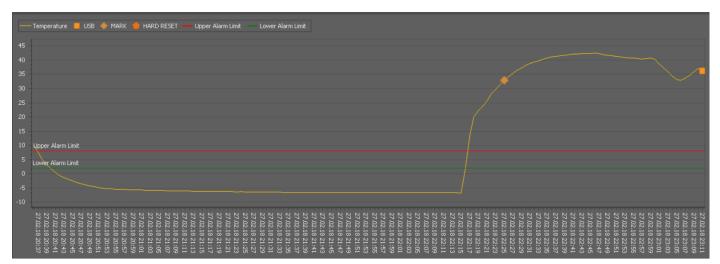
File	Gene	ral		Exit 🖌						^
• 🔟			- .							
	Create Excel	Send to web	Tools	Settings Exit						
Device Information										
Serial Number			Temp	berature 📒 USB 🔶 MAI		Upper Alarm Limit Lower Alarm Limit				
Capacity										
Measurement Interval										
Startup Delay										
Startup Time										
Finish time										
Minimum / Maximum										
Average				er Alarm Limit						
Upper Alarm Limit			5 Lowe	r Alarm Limit						
Lower Alarm Limit										
Description										
			-10							
Description Startup Lower alarm 27.02.2	018 20:40:00	Time	27.02	27.0 27.0 27.0 27.0 27.0 27.0	27.0 27.0 27.0 27.0 27.0 27.0		27.0 27.0 27.0 27.0 27.0 27.0	27.0 27.0 27.0 27.0 27.0 27.0 27.0 27.0	270 270 270 270 270 270 270 270 270 270	27.0 27.0 27.0 27.0 27.0 27.0 27.0
Upper alarm 27.02.2			.18 20	.18 20 .18 20 .18 20 .18 20 .18 20 .18 20 .18 20	2.18 21:11 2.18 21:10 2.18 21:09 2.18 21:07 2.18 21:05 2.18 21:03 2.18 21:03 2.18 21:03 2.18 20:59	2.1821.141 2.1821.139 2.1821.137 2.1821.137 2.1821.135 2.1821.135 2.1821.132 2.1821.132 2.1821.123 2.1821.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.125 2.1825.1255.1255.1255.1255.1255.1255.125	2.18 22:01 2.18 21:59 2.18 21:57 2.18 21:57 2.18 21:55 2.18 21:53 2.18 21:51 2.18 21:49 2.18 21:47 2.18 21:45 2.18 21:43	2.18 22:19 2.18 22:17 2.18 22:15 2.18 22:13 2.18 22:13 2.18 22:09 2.18 22:09 2.18 22:07 2.18 22:03		2.18 23:11 2.18 23:09 2.18 23:09 2.18 23:05 2.18 23:05 2.18 23:05 2.18 22:55 2.18 22:55 2.18 22:55
				Da	tetime				Description	
										:
						7.02.2018 20:38:00				
						7.02.2018 20:39:00				
						7.02.2018 20:40:00		7 ℃	Lower alarm	
						7.02.2018 20:41:00 7.02.2018 20:42:00		4 ℃ 5 ℃		
						7.02.2018 20:43:00		3 °C		
Device connected										(58ms)

Device Information Display

Device Information							
erval							
um							
	•						
			Time				
			01:37:00				
27.02.20	18 22:17:0	00	00:55:00				
	erval um : : Startup 27.02.20	erval 15100124 5000 1 3 5 27.02.203 27.02.003 27.02.003 27.003 27.003 27.003 27.003 27.003 27.00	erval 1510012478 5000 1 3 5 27.02.2018 2 27.02.2018 3 27.02.2018 3 27.02.0018 3 27.0018 3 27.0018 3 27.0018 3 27.0018 3 27.0018 3 27.00				

This screen has basic data about the Device.

Graphic display



The data recorded on this screen is graphically displayed on the date Chart. If device is plugged into the USB before or end of shipment marks can be seen on this Screen.

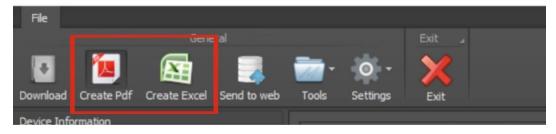
Data List Screen

Index	Datetime		Value	Unit	Description	Time
		27.02.2018 22:11:00		-6,7 ℃		
		27.02.2018 22:12:00		-6,7 ℃		
		27.02.2018 22:13:00		-6,7 ℃		
		27.02.2018 22:14:00		-6,7 ℃		
		27.02.2018 22:15:00		-6,8 ℃		
		27.02.2018 22:16:00				
		27.02.2018 22:17:00		13,8 °C	Upper alarm	
		27.02.2018 22:18:00		20,1 °C		
		27.02.2018 22:19:00		22,1 °C		
		27.02.2018 22:20:00		23,8 °C		
		27.02.2018 22:21:00		25,7 ℃		
		27.02.2018 22:22:00		28,0 °C		
		27.02.2018 22:23:00		29,7 °C		
		27.02.2018 22:24:00		31,4 °C		
		27.02.2018 22:25:00				
		27.02.2018 22:25:00			MARK	

On this screen, the data in the device is displayed as a list with chronology. Alarm dates, end-of-shipment marks, and earlier USB-to-hang dates can be seen on this Screen.

6- EXCEL and PDF report creation

To import Excel and PDF report, you will use excel and PDF buttons in program menu while the device is plugged into the computer.



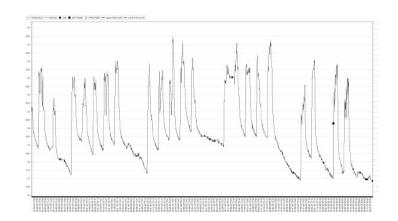
The data in the device is saved to the computer by clicking the preferred report Button.

Sample PDF Report

Data Report

	Device	Information	
Serial Number:	1520024622	Capacity:	5000
Measurement Interval:	9 minute	Startup Delay:	30 minute
Upper Alarm Limit:	8°C	Device Type and Version:	
Upper Alarm Time:	30 minute	Description:	Datalogger
Lower Alarm Limit:	2°C	GMT:	+3:00
Lower Alarm Time:	30 minute		
	Logging	g Summary	
Record Count:	5000	Minimum:	16,8°C
Measurement Interval:	9 minute	Maximum:	25,5°C
Startup Time:	05.12.2019 17:01:07	Average:	19,91°C
Finish time:	05.01.2020 22:52:07	Alarm Count:	1

Temperature Chart

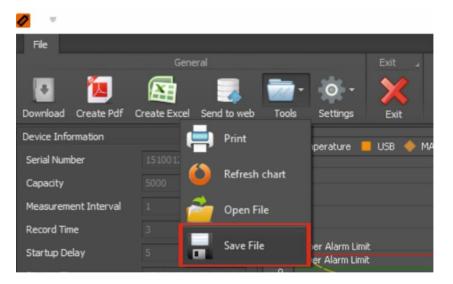


Sample EXCEL Report

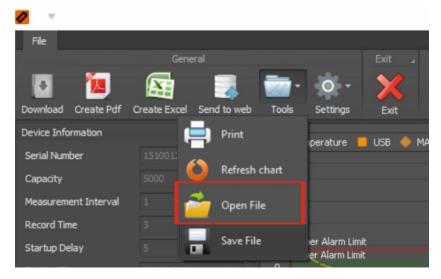
Serial Number	151001247	78							
Capacity	5000								
Measurement Interval									
Record Time	: 3								
Startup Delay	5								
Startup Time	27.02.201	8 20:36:00							
Finish time	27.02.201	8 23:11:00							
Minimum / Maximum	-6,8/42,5								
Average	9,625641								
Upper Alarm Limit	8/2								
Lower Alarm Limit									
Description									
		Index	Datetime	Value	Unit	Description	Description	Startup	Time
		1	27.02.2018 20:36:00	10,1	°C		Lower alarm	27.02.2018 20:40:00	01:37:00
		2	27.02.2018 20:37:00	7,4	°C		Upper alarm	27.02.2018 22:17:00	00:55:00
		3	27.02.2018 20:38:00	5,0	°C				
		4	27.02.2018 20:39:00	3,2	°C				
		5	27.02.2018 20:40:00	1,7	°C	Lower alarm			
		6	27.02.2018 20:41:00	0,4	°C				
		7	27.02.2018 20:42:00	-0,5	°C				
		8	27.02.2018 20:43:00	-1,3	°C				
		9	27.02.2018 20:44:00	-2.0	°C				
		10	27.02.2018 20:45:00	-2,5	°C				
		11	27.02.2018 20:46:00	-3,1	°C				
		12	27.02.2018 20:47:00	-3,6	°C				
		13	27.02.2018 20:48:00	-3,9	°C				
		14	27.02.2018 20:49:00	-4,3	°C				
		15	27.02.2018 20:50:00	-4,5	°C				
		16	27.02.2018 20:51:00	-4,9	°C				
		17	27.02.2018 20:52:00	-5,1	°C				
		18	27.02.2018 20:53:00	-5,2	°C				
		19	27.02.2018 20:54:00	-5,3	°C				
		20	27.02.2018 20:55:00	-5.4	°C				
		21	27.02.2018 20:56:00	-5.4	°C				
		22	27.02.2018 20:57:00	-5.5	°C				

7- Saving and reading data to a computer

To save the data in the device to the computer, click the Save File button under the TOOLS menu.



Data saved to the computer can be reviewed any time even if the device is not plugged into the computer.

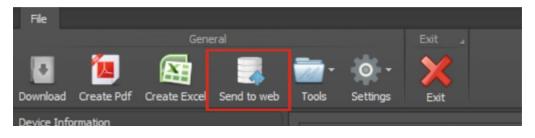


The data saved to the computer can be opened again by clicking on the OPEN file button under the TOOLS menu.

8- Sending data to the Web and reading from the Web

The data in the device can be sent to the Web environment and can be shared quickly with different users.

Click the Send To Web button to send the data to the Web. The data within the device will be sent to the Templogone cloud storage space.



Data review from the WEB

To examine data that is being reported to the cloud <u>www.dataloggermonitor.com</u> Search for the device serial number by logging in to the search box.

The data in the cloud will be displayed on the website as Follows.

50.0	🔍 Search 🏟 Downle	oad Certificate		-								
40.0										*******	************	•
30.0								ن د	0000000000			***********************
20.0								2 and a				
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0.0 00000	*******				*****		0.50 04.00					
-10.0 23:40	23:50 00:	00 00:10	0	0:20	00:30	00:40 0	00:50 01:00	01:10 01:20	01:30	01:40	01:50 02	2:00 02:
escription	<	Alarms			۲ ک	emperatures						
SerialNumber	1510012478	Start	Duration	Description	1	Time		Value	Description			
lumOfData	162	23:40:00 27/02/18	04:37:00	Lower alarm	23	3:36:00 27/02/18		10.1				
apacity	20000 3	01:17:00 28/02/18	02.55.00									
eriod			03:55:00	Upper alarm	23	1:37:00 27/02/18		7.4				
	1	01.17.00 20/02/10	03:55:00	Upper alarm		3:37:00 27/02/18 3:38:00 27/02/18						
uration tartDelay	1 5		03:55:00	Upper alarm	23	3:38:00 27/02/18		5				
uration tartDelay tartTime	1 5 20:36:00 27/02/18		03:55:00	Upper alarm	23	8:38:00 27/02/18 8:39:00 27/02/18		5 3.2				
uration tartDelay tartTime topTime	1 5 20:36:00 27/02/18 02:11:00 28/02/18		03:55:00	Upper alarm	23 23 23	3:38:00 27/02/18 3:39:00 27/02/18 3:40:00 27/02/18		5 3.2 1.7				
uration tartDelay tartTime topTime lax / Min	1 5 20:36:00 27/02/18		03:55:00	Upper alarm	23 23 23 23	3:38:00 27/02/18 3:39:00 27/02/18 3:40:00 27/02/18 3:41:00 27/02/18		5 3.2 1.7 0.4				
uration tartDelay tartTime topTime lax / Min varage pperAlertThreshold	1 5 20:36:00 27/02/18 02:11:00 28/02/18 42.5 / -6.8		03:55:00	Upper alarm	23 23 23 23 23 23	3:38:00 27/02/18 3:39:00 27/02/18 3:40:00 27/02/18 3:41:00 27/02/18 3:42:00 27/02/18		5 3.2 1.7 0.4 -0.5				
uration tartDelay tartTime topTime lax / Min varage pperAlertThreshold pperAlertDuration	1 5 20:36:00 27/02/18 02:11:00 28/02/18 42.5 / -6.8 9.6 8 2		03:35:00	Upper alarm	23 23 23 23 23 23 23	3:38:00 27/02/18 3:39:00 27/02/18 3:40:00 27/02/18 3:41:00 27/02/18 3:42:00 27/02/18 3:42:00 27/02/18		5 3.2 1.7 0.4 -0.5 -1.3				
Veriod Duration StartDElay StartTime Aax / Min Vuarage JpperAlertThreshold JpperAlertThreshold JoperAlertThreshold owerAlertThreshold	1 5 20:36:00 27/02/18 02:11:00 28/02/18 42.5 / -6.8 9.6 8		03:35:00	Upper alarm	23 23 23 23 23 23 23	3:38:00 27/02/18 3:39:00 27/02/18 3:40:00 27/02/18 3:41:00 27/02/18 3:42:00 27/02/18		5 3.2 1.7 0.4 -0.5				

9- Downloading Calibration Certificate

To download the Device-specific calibration certificate from <u>www.dataloggermonitor.com</u>, Login to the Site. Enter the device serial number in the Search box and click the DOWNLOAD button. The calibration certificate will automatically be downloaded to your computer in PDF format.

			Ū
Chart 1510012478	Q Search	Download Certificate	
50.0			