

## 3C\Temp User Manual



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### Initializating the Logger:

Begin by starting the MaxiThermal2 software, connect the USB cable, or plug the device into the computer USB port.

On the menu bar select **Logger -> Logger Initialization** in the drop-down menu. The Logger Initialization window will open.



1) If more than one logger is connected, use the drop down menu to choose which logger to program.

If the logger was connected after opening the **Logger Initialization** window, use the **Scan** button to find it.

- 2) For **Description**, enter a descriptive name for the recording.
- 3) For **Logger Clock**, select the Time Zone for the logger clock.
- 4) For Unit, select temperature scale, °F = Fahrenheit or °C = Celsius.

5) Select a **Start Delay** time if you want a delay after pressing the start button, before starting to record.

IIII Logger Initialization	
Scan Logger	
C\TempUSB  ▼	Scan 1
Serial Number label2	Recording Day Hour Min. Min. 5
Description 3c\temp USB Data Logger	
	Day Hour Duration 4 0 4 V
Logger Clock	Hour Min Soo
(UTC-08:00) Pacific Time (US & Canada)	▼ Interval 0 0 45 <b>7</b>
8/29/2017 15:38:27	Alam Alam 9 Minimum 10 8a External Alam 9
Unit	Maximum 20 8b Minimum 10
Celsius	4 Quarantine 18 Maximum 18
Memory Configuration	No alarm
Record to End of Memory	Humidity 10
Continuous Memory	Minimum 20 Range G
Stop Key 1	Maximum 60 Sampling rate Hz
© Yes   No	No alarm Alarm mG
Log <b>13</b>	
	Program Unit 12
	Email Setting

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- 6) Select the **Duration** of recording time. The **Sampling Interval** will be automatically calculated.
- 7) Or, select the Interval, desired. The Duration will be automatically calculated.
- 8) **Alarm:** 
  - a. If you want a High Alarm, enter the temperature for the Maximum.
  - b. If you want a Low Alarm, enter the temperature for the **Minimum**.
  - c. Quarantine allows setting how many measurements taken outside the alarm limits is acceptable. For example, if the measurement interval is 1 minute, and the environment cannot exceed those limits for more than 5 minutes, then you would enter a 5 into the quarantine field. If more than 5 measurements are taken, then "Quarantine" will be showed on the display and reports. Not all logger models support this function.
  - d. If you don't want an Alarm, click the **No Alarm** button.

9) For loggers with external probes, enter the Maximum and Minimum Alarm values for the external sensor.10) For loggers with Humidity sensors, enter the Maximum and Minimum Alarm values.

- 11) Under **Stop Key**, click **Yes** to allow the logger to be stopped manually (by holding down the start button for 4 seconds while the logger is recording). To disable this feature, click the **NO** button.
- 12) Click **Program Unit** to write the new configuration to the logger.

The progress bars will appear and Event Log (13) will update with Write Successful and End Settings successful.

The device is ready to run. To **Start Recording**, press and hold the START button on the unit until the green light flashes, or the display indicates that the unit is recording.

Scan Logger	
EDL-LN2	▼ Scan
Serial Number label2 Description 3c/temp USB	Recording         Day         Hour         Min.         Min.           Start delay         0         0         0         0         ~
Logger Clock (UTC-08:00) Pacific Time (US 8/29/2017 1 Unit @ Celsius	DO NOT DISCONNECT LOGGER
Memory Configuration @ Record to End of Memory C Continuous Memory	
Stop Key O Yes (@) No	Maximum 60 Sampling rate H
Log	
8/29/2017 3:42:34 PM: Write setti 8/29/2017 3:42:42 PM: Erase logg 8/29/2017 3:42:42 PM: Write setti	er successfully

Current Temperature
Quarantine Warning (patent pending)
Recording Time (Run Time)
Humidity Sensor
Start/Stop Button
Start/Stop Button Current Humidity Min/Max Settings
Start/Stop Button Current Humidity Min/Max Settings Alarm Warning Alarm Warning Max [23] Max [23] Max [23] LI [9°F Alarm Mar [2] LI [9°F Al
Start/Stop Button Current Humidity Min/Max Settings Alarm Warning

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### **Reading the Logger:**

Begin by starting the MaxiThermal2 software, connect the USB cable, reader station, or plug the device into the computer USB port.

On the menu bar select **Logger -> Read** Logger in the drop-down menu.

Maxith	ermal 2 - [Graph]	45	
IIII File	Logger Graph Wifi Reader	Scan Logger	
i 當 🛃 (	Logger Initialization [ Read Logger	EDL-LN2	* Scan
	General Information		Cancel Read

When the progress bar fills up, the Windows file explorer opens to choose a location to save the file. A dialog box will pop up once the location has been chosen letting you know the file has been saved successfully.

rganize 🔻 New fold	1		800 -	0
Production			8== •	
Production ~	Documents library		Arrange by: Fold	er 🔻
Libraries	Includes: 2 locations		· · · · · · · · · · · · · · · · · · ·	
Documents	Name	Date modified	Туре	Size ^
J Music	2ctemp RH Testing	5/15/2017 2:28 PM	File folder	
Pictures	Daemon Tools Images	3/14/2017 12:47 PM	File folder	
📄 Tech Support Do	edl_21CFR oem	3/14/2017 1:10 PM	File folder	
😸 Videos	🔒 Fax	3/24/2017 2:44 PM	File folder	=
	Low temp logger tests	6/7/2017 10:19 AM	File folder	
Computer	January Marathon Products	6/27/2017 11:57 AM	File folder	
🚢 Windows (C:) 👘	Axithermal2	4/6/2017 12:43 PM	File folder	
👝 Local Disk (D:)	🕌 MaxWifi	3/24/2017 2:46 PM	File folder	
	🙆 My Data Sources	6/13/2017 5:01 PM	File folder	
Network	🎉 My Labels	6/2/2017 10:31 AM	File folder	+
-		III		P .
File name: B160	1300663			•
Save as type: HIDN	APL (* bidmnl)			-

	×
Your	ile is saved successfully
	ОК

Next, all windows will close automatically and the graph is displayed.

When you close the plot a warning window will open which asks if you want to save the data. Click **Yes** or **No**. the file has already been saved. Unless the file has been modified (e.g. titles changed), click No.



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#### **Creating Reports:**

On the menu bar select **Logger -> General Information** in the drop-down menu.

The General Information window will open. Click **Read**. Thesoftware will read the logger's information and fill in the fields.

General Information		\$ - B ×
Scan Logger		
EDL-LN2	▼ Sca	an
Serial Number	Firmware Version	Logger Mode
Description	Setting Time	Delay Time
Duration	Run Mode	Stop Key
Temperature and Humidity Interval	Ambient Low Alarm	Probe Low Alarm
Unit	Ambient High Alarm	Probe High Alarm
Vibration		Sampling rate
Fullscale		Alarm limit
Print		Read



Scan Logger		
EDL-LN2	▼ Scar	1
Serial Number	Firmware Version	Logger Mode
B160300663	v4.1	Multiple Use
Description	Setting Time	Delay Time
βc∖temp USB Data Log	8/29/2017 3:42:50 PM	0 day(s) 0h:0m
Duration	Run Mode	Stop Key
4 day(s) 0 hour(s)	Record to End	No
Temperature and Humidity Interval	Ambient Low Alarm	Probe Low Alarm
6s	10	10
Unit	Ambient High Alarm	Probe High Alarm
Celsius	20	18
Vibration	-1	Sampling rate
II ILEI V		
Fullsca		Alarm limit
Print		Read

On the Menu bar select **Graph -> Summary** in the drop-down menu, or click the Summary icon. The Summary Information window will open where you can scroll through the logger information.

IIII Summary		×
Setting Information Unit: Duration: Delay start: Configured Mode: Logger Information Serial number: Memory size: Description: Himware version: Run Mode;	Celsius 180 day(s) 0 hour(s) 0 day(s) 0h:0m Multiple Use B170100002 8k data Thermistor, 8k data RTD Marathon v4.6 Record to End	•
Over Memory: Time information: Setting time: Start time: Stop time: Elapse time: Measurement Sample interval:	No 3/20/2017 3:40:31 PM 3/21/2017 7:32:08 AM 4/6/2017 12:41:18 PM 16 day(s) 5h:9m:8s 0h:33m:6s	4
	Close	,