

COLLECTING AND RETRIEVING DATA



SET UP THE DATA LOGGER

Connect the data logger input(s) to a temperature sensor using the long RCA cable(s).

Turn on the data logger using the switch.

You will be asked "display or log data?" . Press the "YES" button.



You will be asked to "Select Memory".

Use the up or down arrow buttons to scroll up and down through the five available memory files.

Press the "ENTER" button when you have the memory file you want.



You will be asked if you want to recall the data already stored in that memory file.

Press the "NO" button.



Next choose the time interval for taking readings. Use the up or down arrow buttons to change the interval. You can choose between 1 sec, 2 sec, 15 sec, or 60 sec. Press the "ENTER" button when you have the time interval you want.





You will be asked if you want to overwrite the data already stored in that memory.



Select "YES" – data will immediately be recorded to the memory location you selected.

Time and temperatures will be displayed on the screen.



TRANSFER DATA FROM THE LOGGER TO A PC



Set up a folder called "Sustainable Housing data" on the desktop.

Transfer the files on the STELR Sustainable Housing USB into this folder.

Burn New fold	er	
Date modified	Туре	Size
15/03/2018 1:00 PM	File folder	
15/03/2018 1:00 PM	File folder	
10/09/2015 8:59 AM	Text Document	1 KB
26/05/2015 6:20 AM	Application	1,429 KB
	Burn New fold Date modified 15/03/2018 1:00 PM 15/03/2018 1:00 PM 10/09/2015 8:59 AM 26/05/2015 6:20 AM	Burn New folder Date modified Type 15/03/2018 1:00 PM File folder 15/03/2018 1:00 PM File folder 10/09/2015 8:59 AM Text Document 26/05/2015 6:20 AM Application





4 items selected Date modified: 26/05/2015 6:20 AM - 15/03/2018 1:00 PM

Open the DRIVER folder.

It contains one program: CDMv2.12.00 WHQL Certified

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File Edit View Tools Help			
Organize 🔻 Include in library 👻 Share	with 🔻 🛛 Burn	New folder	
Name	Date modified	Туре	Size
CDM v2.12.00 WHQL Certified	26/05/2015 6:20 AM	Application	2,188 KB

Right – click on the CDM file and choose "Run as administrator"



Extract the driver.



When finished, go back to the "Sustainable Housing data" folder.

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File Edit View Tools Help			
Organize 🔻 🛛 🏹 Open 🛛 Share with 👻	Burn New fold	er	
Name	Date modified	Туре	Size
DRIVER	15/03/2018 1:00 PM	File folder	
LOGGER_INST	15/03/2018 1:00 PM	File folder	
file	10/09/2015 8:59 AM	Text Document	1 KB
	26/05/2015 6:20 AM	Application	1 / 20 KB



4 items selected Date modified: 26/05/2015 6:20 AM - 15/03/2018 1:00 PM

Plug the data logger into a USB port on the computer using the cable provided.



Open the file you created on the desktop. Double click on the "Log" file.

This screen should appear:

IEC Logger Program Ver 3.1

Finding Logger COM port



Turn the logger on. You will be asked "display or log data?" - press the "No" button.



The following message will appear on the logger screen:

"WAITING FOR PC EXECUTE LOG.exe".

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Double click on the "Log" file on the PC **again**. A second screen will appear on your computer screen. Dots will appear on the first screen showing that data is transferring.

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actsheet-i	Autodesk 360	IEC Logger Program Ver 3.1			
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The following message will appear on the Logger screen: "DATA TRANSFER IN PROGRESS"



Five (one for each memory) files will be downloaded to your folder.

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File Edit View Tools Help				
Organize 🔻 📑 Open Share with 🔻	Burn New fold	er		
Name	Date modified	Туре	Size	
CDM v2.10.00 WHQL Certified	15/04/2015 3:31 PM	File folder		
퉬 m1	11/09/2014 9:14 AM	File folder		
📄 file	15/03/2018 12:29	Text Document	1 KB	
🔲 Log	26/05/2015 6:20 AM	Application	1,429 KB	
LOG1-000	15/03/2018 12:29	Microsoft Excel C	26 KB	
🖬 LOG2-000	15/03/2018 12:30	Microsoft Excel C	26 KB	
🚯 LOG3-000	15/03/2018 12:30	Microsoft Excel C	26 KB	
🖬 LOG4-000	15/03/2018 12:31	Microsoft Excel C	26 KB	
🖾 LOG5-000	15/03/2018 12:31	Microsoft Excel C	26 KB	



Log

Date modified: 26/05/2015 6:20 AM Application Size: 1.39 MB

Date created: 14/03/2018 3:16 PM

If you used memory 1 for your investigation, open the file LOG*-001.

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6	0:00:	04		40.	1	-99.9						
7	0:00:	05		40.	1	-99.9						
8	0:00:	06		40.	1	-99.9						
9	0:00:	07		40.	1	-99.9						
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11	0:00:	09		40.	2	-99.9						
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Note that the example in this screen shot was only using temperature probe connected to data logger input number 1.



Turn off the data logger to save the battery.