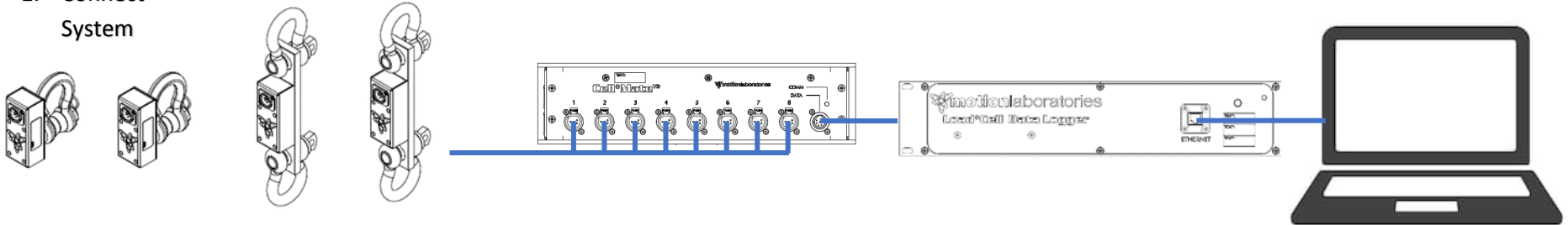


Data Logger Setup Guide

1. Connect System

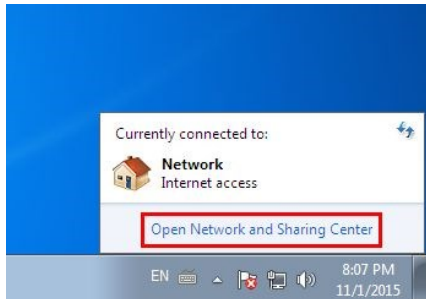


2. Network Connection

Open Network and Sharing Center.

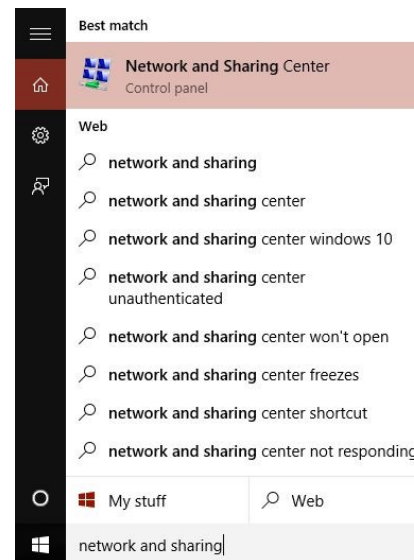
Windows 7

click on the network icon on the right side of the taskbar and then on " *Open Network and Sharing Center*".



Windows 10

Start Menu search box and Windows 10's search box from the taskbar.



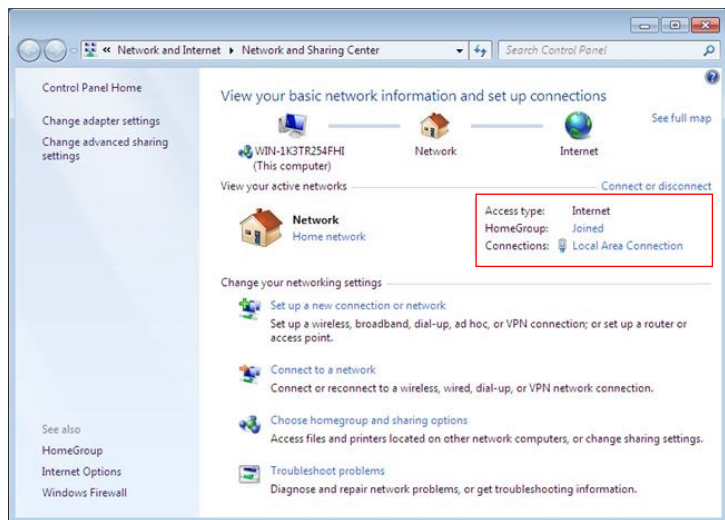


Data Logger Setup Guide

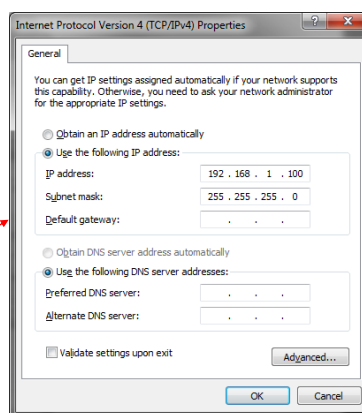
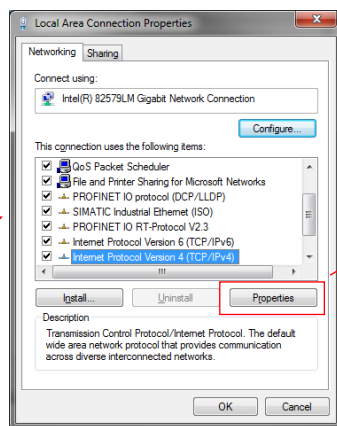
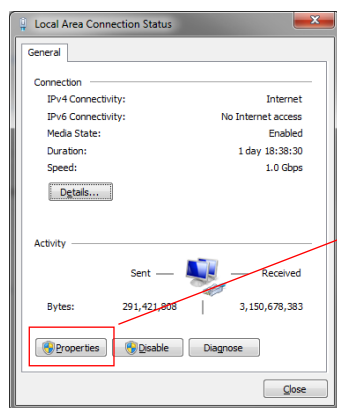
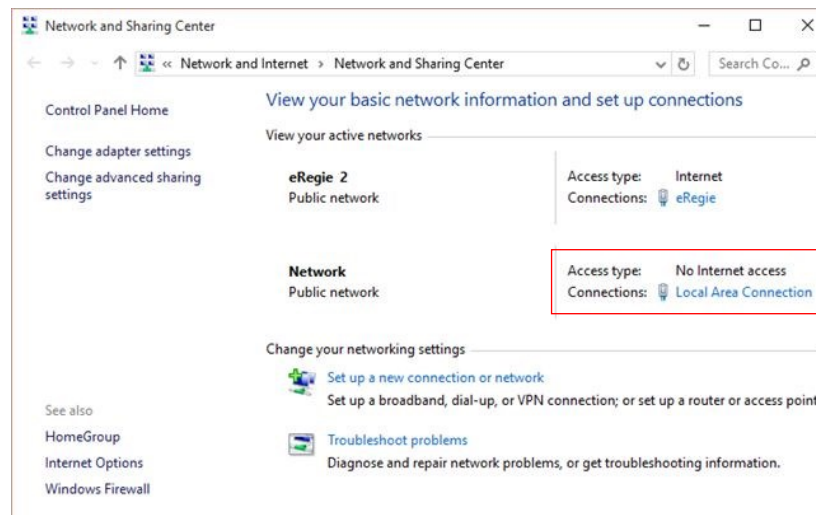
2. Network Connection (continued)

Click on Local Area Connection

Windows 7



Windows 10



Click on “Use the following IP address” check on and fill out the octets as follows:

☐ Obtain an IP address automatically

☒ Use the following IP address:

IP address: 192 . 168 . 1 . 100

Subnet mask: 255 . 255 . 255 . 0

Default gateway:

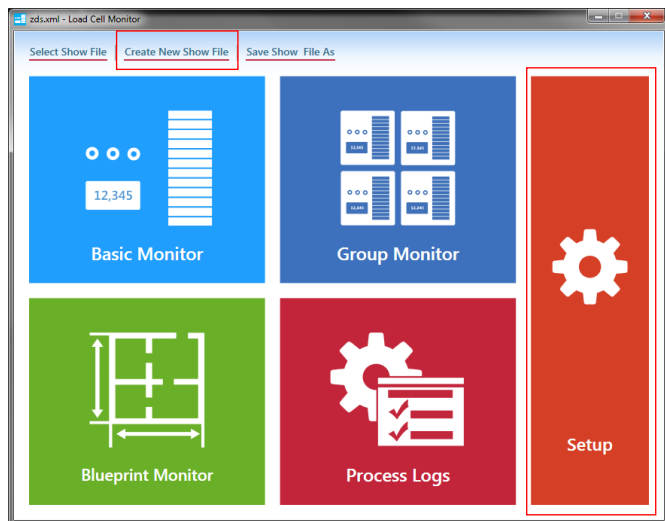
Click on “Done”. You are now ready to connect to the Cell*Mate Data Logger System. if you would like to get back to using this network connection for the internet simply come back into this menu and check “Obtain an IP address automatically”.



Data Logger Setup Guide

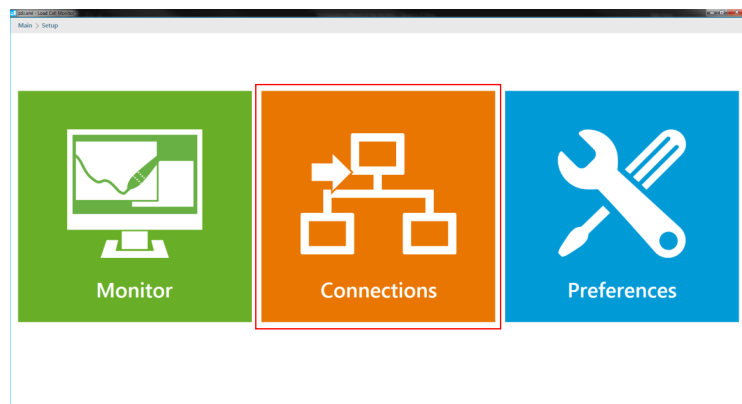
3. Data Logger Software

Open the Load Cell Monitor Software. The Main Menu will load. Create a new Show File. Then click “Setup”.



4. Setup

Create a new Show File. Then click “Setup”. In the Setup Menu click “Connections”.



Monitor - For Basic, Group, and Blueprint Monitor setup.

Connections - For setting Data Logger and Hub Connections.

Preferences - For setting folder preferences and importing license files.



Data Logger Setup Guide

5. Connections

Add IP address.

Add to For Configuration.

Save.

Switch to Hubs.

6. Hubs

Name the Data Logger.

Click "Setup Hubs".

Click Enable port check box for the hub port(s) you wish to enable.

Name and describe them.

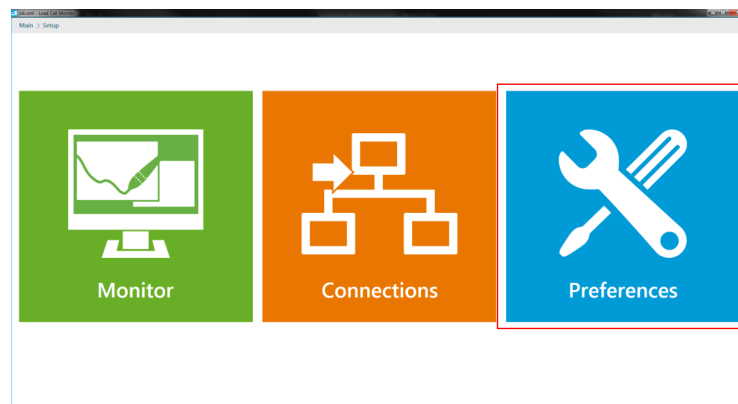
Save.



Data Logger Setup Guide

7. Import License File

You need to import a license file that attaches the hardware to the software. Click on Preferences under Setup.



Click the check box “Import License File?”

Browse for location of your License file. Click Open. Note: This file will be provided to you from MotionLabs.

Save.

Import License
File

Load Cell Monitor

Main > Setup > Preferences

Showfiles Folder:

C:\Users\Public\Documents>Showfiles Browse

Snapshots Folder:

C:\Users\Public\Documents\Snapshots Browse

Global Settings:

Weight Unit ☐ LB ☒ KG

☐ Import License File?

Browse

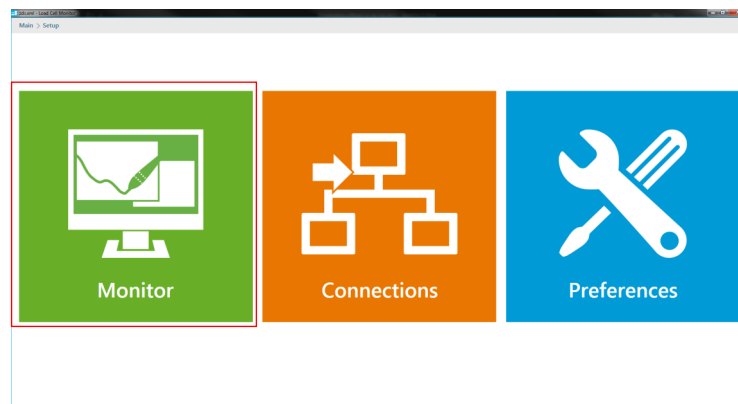
Save Cancel



Data Logger Setup Guide

8. Basic Monitor Setup

Setting up the Basic monitor will allow you to view and log connected load cells. Click on Monitor under Setup.



Click on the Connect check boxes for each connected channel.

Name and Describe accordingly.

You may also set upper and lower display limits.

Save.

Arrows point from the following text to the corresponding fields in the screenshot:

- Name. (points to the Name column header)
- Description. (points to the Description column header)
- Upper & Lower Display Limits. (points to the Lower Limit and Upper Limit columns)
- Connect Check Box. (points to the Connect checkbox in the first row)

Basic Monitor Setup - Monitors

Basic Monitor | Group Monitor | Blueprint Monitor

Data Logger: DL01 Hub Name: DL01HUB1

Connect	Name	Description	Channel#	Lower Limit	Upper Limit	Unit
☐	DL01HUB1CEL1		1	100	1000	LB
☐	DL01HUB1CEL2		2	100	1000	LB
☐	DL01HUB1CEL3		3	100	1000	LB
☐	DL01HUB1CEL4		4	100	1000	LB
☐	DL01HUB1CEL5		5	100	1000	LB
☐	DL01HUB1CEL6		6	100	1000	LB
☐	DL01HUB1CEL7		7	100	1000	LB
☐	DL01HUB1CEL8		8	100	1000	LB

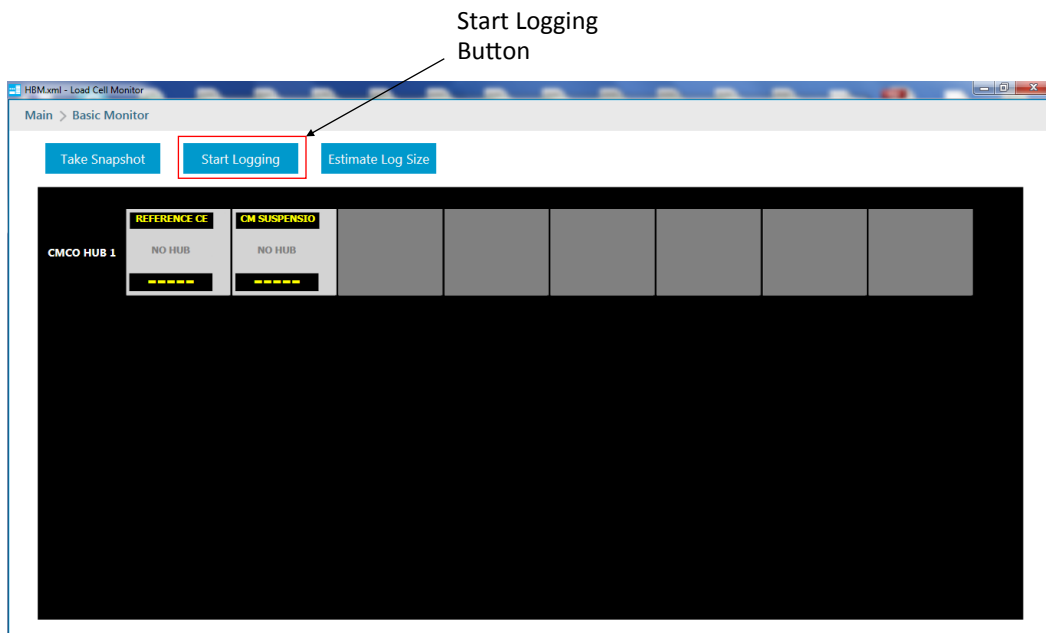
Save Cancel



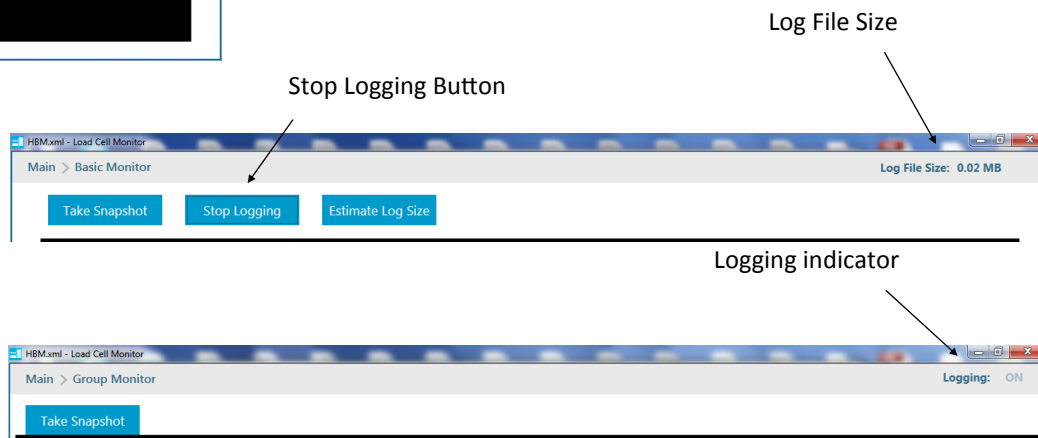
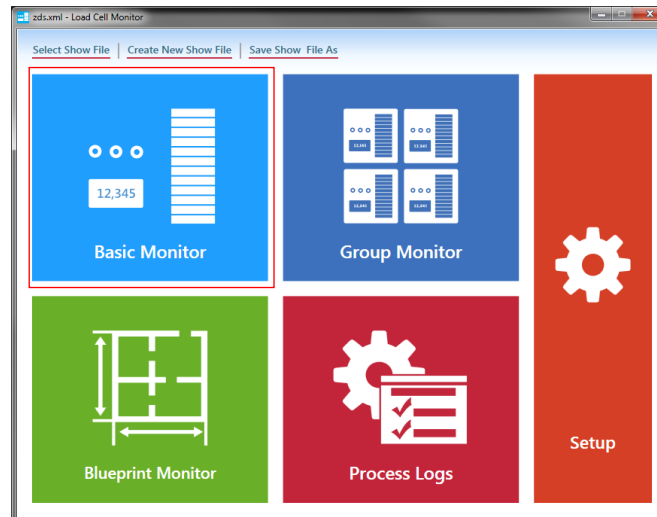
Data Logger Setup Guide

9. Basic Data Logging

Data logging can be done from any monitor. Click on Basic Monitor. To start logging simply press the “Start Logging” button.



To stop logging press the Stop Logging button. You can view the log file size on the top right of the basic monitor. If you leave the basic monitor to go to the group or blueprint monitor there is a logging indicator replacing the log file size on the top right of the monitors.

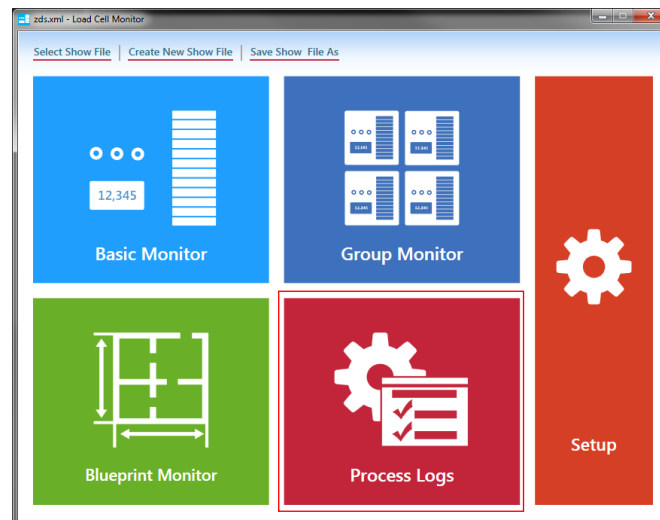
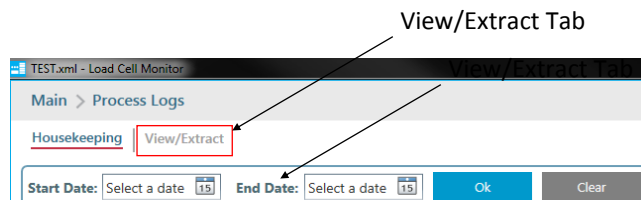




Data Logger Setup Guide

10. Extracting Log Files

You may extract, view, and maintain log files using Process Logs. Here we will touch on extracting. Click on Process Logs. When in Process logs press the View/Extract tab.



Note: To be able to see the most recent log file you must NOT be logging.

Select the log you would like to extract. You will see the log's data preview in the log file panel.

To extract press the Extract to csv button. You will be able to save the name and location.

You can filter the data to extract by using the Filter panel.

