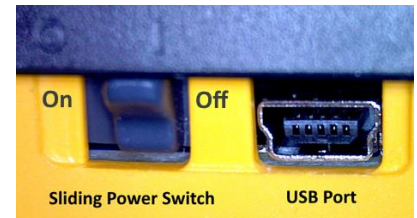# Teacher Lesson 15: Exploring the Data Logger

The Tuff-Bot Data Logging Backpack senses information about the environment, stores it, and then allows students to download it. The can explore science as they control Tuff-Bot.

The Data Logger records the temperature, humidity, and amount of light. You can use it by itself or attach it to Tuff-Bot to record this information as it travels.

Charge the Data Logger using the provided USB cable.
Then turn the power switch on.

Use the green buttons to navigate the menu and select items.

The current data is displayed in the window at the top.
- The first icon represents the humidity using a value of 0–100%
- The second icon is for temperature. The default unit is degrees Celsius. You can change that setting.
- The third icon shows the light level in Lux.

To change settings, refer to this tutorial: resources.terrapinlogo.com/robots/data_logger/menus

To export data, refer to this tutorial: resources.terrapinlogo.com/robots/data_logger/export

Read full user guide here:
resources.terrapinlogo.com/robots/data_logger/view_pdf/User_Guide_Data_Logger.pdf