

Cobalt XS™

LoRaWAN-enabled data logger for DicksonOne

This Quick-start Guide describes how to get the Cobalt XS data logger up and running with your DicksonOne monitoring platform.

Prerequisite: Before adding a Cobalt XS data logger to your DicksonOne account, you must first set up and register a Dickson LoRaWAN-enabled gateway.

You can then [register the data logger](#) in DicksonOne to view data online, configure alarms, and much more.

Complete documentation is available on our website:

<https://dicksondata.com/en-gb/technical-support>

Safety instructions



The latest safety instructions document is available for download from the Dickson website. Flash this QR code to access the document.



What's in the box

- Cobalt XS data logger
- 3.6V Lithium battery
- Antenna
- Mounting kit with wall-mount plate (with magnet) and Velcro®

Step 1: Activate the data logger

1. Remove the battery cover and insert the battery, making sure to respect the indicated polarity (+/-).
2. Attach the antenna and connect a supported Dickson sensor to the data logger.
3. When the data logger has powered on, press the left or right button (◀ or ▶) to choose **DicksonOne Cloud**, then press **OK** to confirm.
4. Assuming your Dickson LoRaWAN-enabled gateway is configured correctly, communication will be established with your platform within about one minute and a new registration code will be shown on the screen:

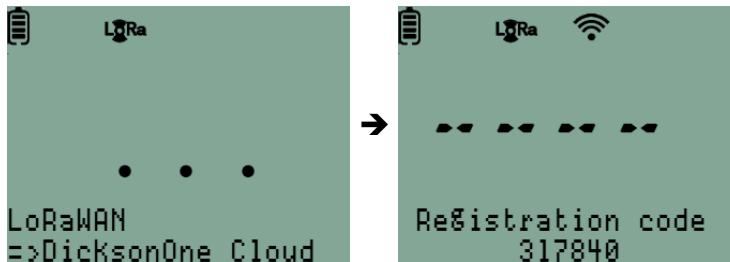


Figure 1 – Your registration code is displayed shortly after connection is established.

5. Write down the code so you can enter it in DicksonOne, then press **OK**. The registration code is also accessible with a long press on **OK** from the home screen to enter the menu → **OK** to select **Information** → left button (◀) to reach **Registration code**.

Step 2: Register the data logger on DicksonOne

1. Log in to your DicksonOne account
2. Click on **+Add Hardware** in the upper right-hand side of the screen.
3. Click on **Add a DicksonOne logger**

The screenshot shows a web form titled 'Register Data Logger'. It has two tabs: 'DicksonOne Data Logger' (selected) and 'Third-Party Data Logger'. The form contains three main input fields: 'Data Logger Name *' with the value 'XS - Lab 3 - 205', 'Registration Code *' with the value '317840', and 'Location *' with a dropdown menu showing 'Lab Science'. There is an 'Add New Location' button next to the location dropdown. At the bottom, there are links for 'Data Logger Settings' and 'Company Default', and a large blue 'Register Data Logger' button. A yellow callout box with an arrow points to the 'Registration Code' field, containing the text 'Enter the registration code here'.

Figure 2 – Enter the registration code and other information to register the data logger.

4. Enter a name and the registration code, and select a location using the pull-down menu.
5. Click on **Register Data Logger**. The logger is added to your platform as shown below.

Recent Data Loggers		
Data Logger	Location	Display Time Zone
XS - Lab 3 - 205 - E90B000BB810	Lab Science	Paris

Figure 3 – Data logger registration is confirmed.

6. You can click on the data logger name to access the device and perform additional configuration tasks as needed, such as defining alarm limits, notification policies, and more, using the DicksonOne solution.

The data logger is displayed in the dashboard as shown below. After a few moments, data will start flowing into the system automatically.

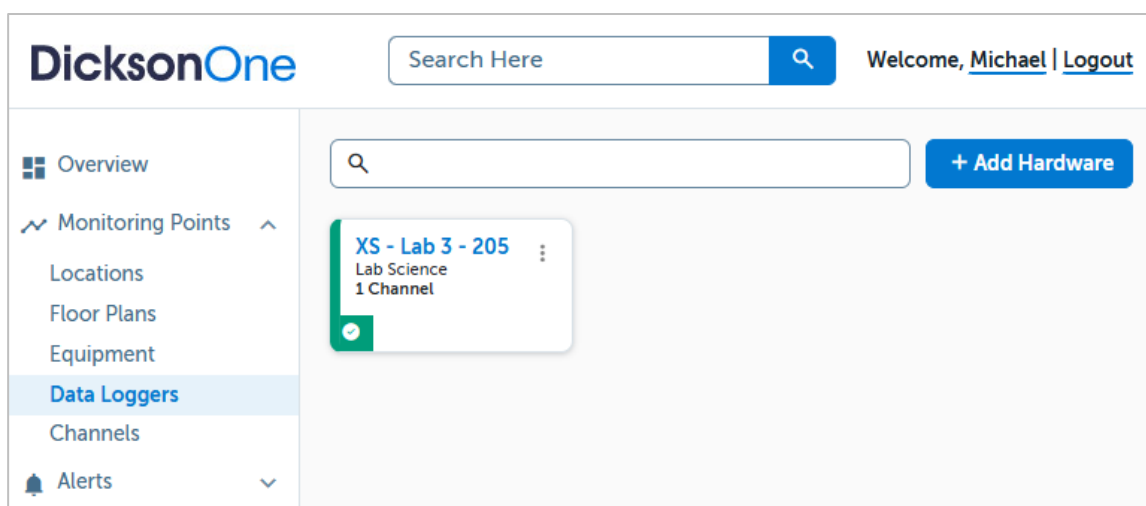


Figure 4 – Access the data logger via the Monitoring Points menu in DicksonOne.

We encourage you to read the DicksonOne documentation to get the most out of your Dickson products.

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