

Cobalt X™

LoRaWAN-enabled data logger for DicksonOne

This Quick-start Guide describes how to get the Cobalt X1 or Cobalt X2 data logger up and running with your DicksonOne monitoring platform.

Prerequisite: Before adding a Cobalt X 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 X or Cobalt X2 data logger
- Two 3.6V LS17500 batteries
- Antenna
- Mounting kit
 - Plastic mounting cradle with magnet
 - Plastic ties and adhesive hooks for arranging cables

Note: The Cobalt X data logger can run on batteries or using a 5V AC/DC adapter with micro-USB cable. We recommend using both power sources to extend battery life and ensure continuous data logging in case of a power outage.

Step 1: Activate the data logger

1. Pull out the plastic tab from the battery cover to activate the batteries, and/or plug the USB power cable into the data logger.
2. When the data logger has powered on, press on the touchscreen and choose DicksonOne Cloud.
3. Assuming your Dickson LoRaWAN-enabled gateway is configured correctly, communication will be established with your platform within about one minute and a registration code will be shown on the screen:

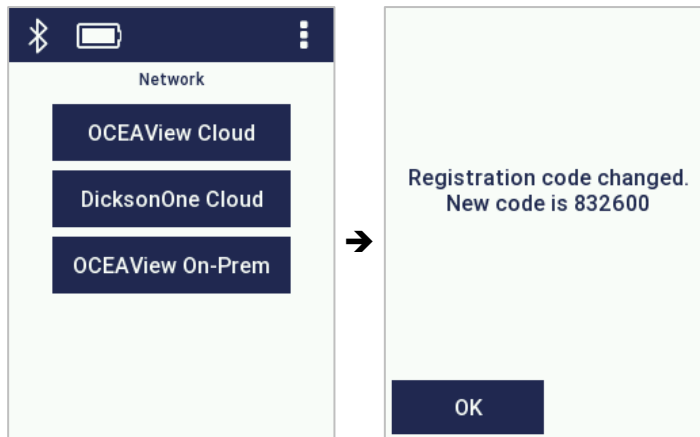


Figure 1 – Your registration code is displayed shortly after connection is established

4. Write down the code so you can enter it in DicksonOne, then press **OK**. The registration code remains accessible via the menu, under **Settings** → **Information** → **More**.

Step 2: Register the data logger on DicksonOne

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

The image shows a web form titled 'Register Data Logger'. It has three tabs: 'DicksonOne Data Logger' (selected), 'Third-Party Data Logger', and 'Legacy Logger'. The form contains the following fields: 'Data Logger Name *' with the value 'X2 - Lab 3 - 105'; 'Registration Code *' with the value '832600'; and 'Location *' with a dropdown menu showing 'Lab Science' and an 'Add New Location' button. Below these fields are links for 'Data Logger Settings', 'Company Default', and 'Edit'. A blue 'Register Data Logger' button is at the bottom. 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

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

Recent Data Loggers		
Data Logger	Location	Display Time Zone
X2 - Lab 3 - 105 - EB0C000EB52E	Lab Science	Paris

Figure 3 – Data logger registration is confirmed

5. 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. Data will start flowing into the system automatically within a maximum of ten minutes.

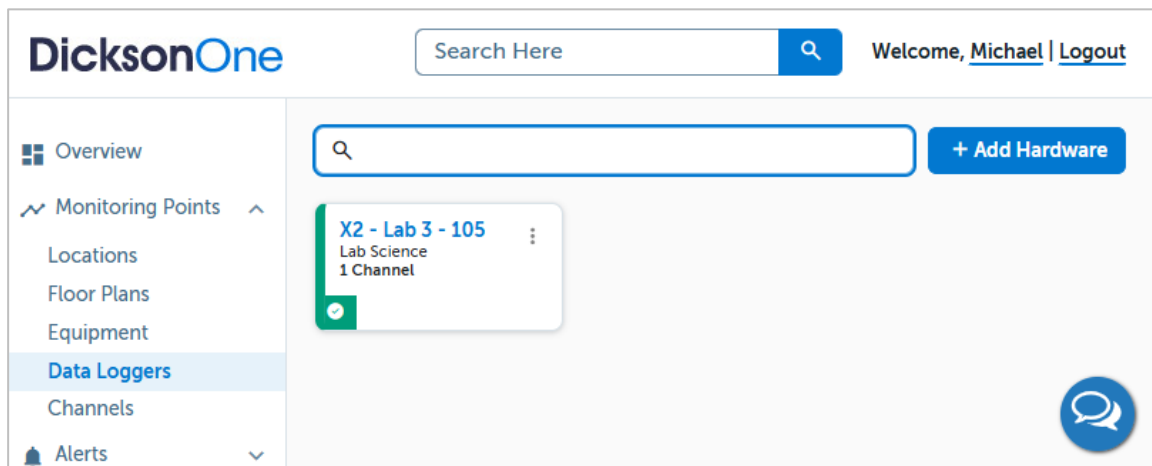


Figure 4 – Access the data logger via the Monitoring Points menu in DicksonOne

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



Dickson Europe

Montpellier – France
+33 499 13 67 30
contact@dicksondata.fr

Dickson North America

Addison, IL – USA
+1 (630) 543-3747
contact@dicksondata.com

Dickson Asia-Pacific

Petaling Jaya – Malaysia
+603 749 40758
contact@dicksondata.my

©2026 Dickson. All rights reserved. Dickson, the Dickson logo, DicksonOne, and Cobalt X are the exclusive property of Dickson. All other brands mentioned are the property of their respective owners. This is a non-contractual document. Product photos and features may vary.