

SkyCell IoT X Connect Manual

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v1.0



Safe. Secure. Sustainable.

Bahnhofplatz, 6300 Zug

Switzerland

www.skycell.ch

1. INTRODUCTION

This manual provides detailed installation, activation, and troubleshooting instructions for the SkyCell IoT X Connect model CL 830-SC. This logger is designed for seamless tracking and monitoring in logistics applications, ensuring accurate and reliable data collection. Additionally, this manual includes compliance details necessary for airline approval.

This document does not supersede any SOPs that govern the installation and usage of SkyCell IoT X Connect in specific use cases.

2. HARDWARE OVERVIEW

Each IoT X Connect is fully pre-configured for plug-and-play functionality. It includes a display, LED indicators, button and wireless communication capabilities.

3. INSTALLING THE LOGGERS

3.1 ACTIVATING THE LOGGERS

- Press and hold the start button for a minimum of 5 sec
- Release the button and check that the display shows “START”; repeat activation if necessary

3.2 INSTALLATION

Please make sure that the SkyCell IoT X Connect is intact and correctly activated before proceeding with installation. Please install the SkyCell IoT X Connect as per the customer-specific and/or use-case-specific SOP.

3.3 PAIRING THE LOGGER

Please pair the logger as per the customer-specific SOP with the asset and/or payload to monitor. There are multiple possibilities and solutions to establish this pairing.

- SkyCell applications (SkyMind, SkyTrack, etc.)
- Customer-specific applications

Generally, it is recommended to establish the pairing through scanning the QR code on the SkyCell Loggers:

- Scan the Logger QR code or enter the Logger ID manually
- Enter or scan the corresponding pallet/container/asset number
- Confirm the pairing in the app or via checklist

4. REMOVING THE LOGGER

4.1 UNPAIRING FROM PALLET/ASSET/CONTAINER

Please unpair the logger as per the customer-specific SOP with the asset and/or payload after monitoring has been completed. As with the pairing, there are multiple possibilities and solutions available.

4.2 REMOVAL

Please carefully remove the logger as per the customer-specific SOP to guarantee that the monitored goods are not damaged.

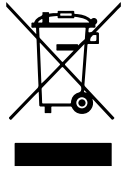
4.3 CHARGING

The battery of the SkyCell IoT X Connect can be charged by connecting a USB power supply the USB-C port.

During charging the "  " icon will be displayed.

4.4 DISPOSAL

Please return the device to the next SkyCell representative for refurbishing or recycling.



Dispose of the product at the end of its service life cycle must occur in accordance with applicable laws. Batteries shall be removed prior to disposal and discarded according to local laws and procedures.

Correct disposal of this product will help save valuable resources and prevent any potential negative effects to human health or the environment, which could arise from inappropriate waste handling.

5. BATTERY

- Battery Type: Rechargeable Ni-MH battery
- Battery CL 830-SC: 3.6V, 2000mAh, 7.2Wh
- Maximum Lithium Content: does not contain Lithium

6. POWER INPUT

- USB-C
- 5V, 1 A

7. FCC COMPLIANCE STATEMENT

FCC ID: 2A2SN-SKYCELL830

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

CAUTION: The grantee is not responsible for any changes or modifications not expressly approved by the party responsible for compliance. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

7.1 FCC RF EXPOSURE STATEMENT

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the radiator and any part of your body.

8. SUPPORT

For additional assistance, contact support@skymind.com or visit skycell.ch.

This manual ensures a seamless installation and operation experience for your SkyCell IoT X Connect Logger. Follow these guidelines to maintain accurate tracking and data integrity.