



FlexHub™

User Manual

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GENERAL INFORMATION

Introduction

Thank you for purchasing a 2nd Sight system that utilizes the FlexHub. The FlexHub is the rugged housing that encloses the printer, battery, external RFID reader, RHC (Ruggedized Handheld Computer), and other electronics. The FlexHub is to be used in conjunction with other 2nd Sight systems such as the QuickPick, FairPick Lite, and FairTrak.

The purpose of this manual is to provide information to allow users to safely and optimally operate the FlexHub.

You may need to refer to sections of the RHC, Customer Portal, Registration Station and other 2nd Sight app user manuals for further instruction on operating the FlexHub system.

For your safety, it is critical that you carefully read and follow all warnings and cautions in this manual. The FlexHub must only be used in the manner in which it is intended. Any other use of the FlexHub system may cause damage to the device and harm to the user.

The following signs call attention to special warnings and cautions.



Caution: Failure to follow these instructions constitutes a hazard to the operator.



Warning: Failure to follow these instructions constitutes a hazard to the device.



Note: Important note.

System Requirements

FlexHub

- Power: 12 V
- Operating Temperature: 32°F to 110° F / 0°C to 43°C
- Humidity: 90% RH, non-condensing



Warning: The FlexHub is a piece of electronic equipment and should be treated with care. 2nd Sight designed the FlexHub to be rugged for outdoor use, but like any piece of electronic equipment, cannot withstand mistreatment by the user. Refrain from dropping and hitting the FlexHub. Damage caused by mistreatment is not covered under the device's standard warranty.

Terms and Definitions

Term	Definition
Customer Portal	<i>Secure website where the customer manages settings and data. Access the Customer Portal by clicking: http://portal.2ndsightbio.com</i>
FlexHub	<i>The portable electronics cabinet (box) that houses the printer, external RFID reader, battery, and RHC mount.</i>
RHC	<i>Ruggedized Handheld Computer with 2nd Sight software that communicates via Bluetooth with the FlexHub.</i>

INSTALLATION

Unpacking and Inspection



Note: Save the original box and packaging material. Shipping the FlexHub in a different box or with different packaging material may damage the machine and void the warranty. To repackage, follow inverse order of unpacking.

Unpack the boxes and examine their contents. If anything is missing or damaged, contact your 2nd Sight sales representative.

The FlexHub box contains:

- FlexHub
- FlexHub charging cord
- RHC-RS30 or RHC-RS50

*May not include RHC-RS30 or RHC-RS50 for app/product upgrades

Unpacking the FlexHub Box

Step 1 Open the box.

Step 2 Carefully remove the FlexHub and charger from the box.

FLEXHUB DIAGRAM

The following picture illustrates components of the FlexHub.



Note: Closing the clear plastic lid and securing the two latches makes the system **water-resistant**, not **water-proof**. Keep the lid closed and scan badges through it for extra protection during light rain.



FLEXHUB BATTERY

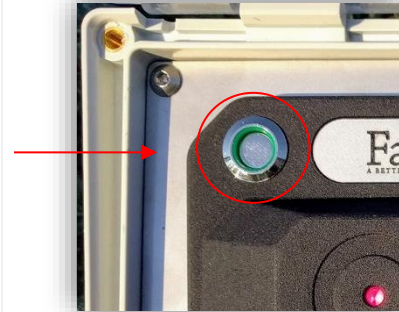
Charging



Warning: Excessively draining a battery, or leaving it in a state of discharge, can permanently damage the battery. Always turn OFF the system power when in storage and off the charger.

Please follow these steps to ensure proper charging of the FlexHub and attached RHC.

- Step 1** Turn the FlexHub power button ON when charging. This will ensure that the RHC (Ruggedized Handheld Computer) will also charge.
- If the unit is charged with the FlexHub power button OFF, turn the FlexHub power button ON and wait a few minutes before use. The RHC will charge from the main FlexHub battery and will be usable within 10 minutes.



- Step 2** Insert the charging cord. Twist the barrel clockwise to lock and begin charging.



- Step 3** Plug the other end of the charging cord into a standard 110 V outlet. Lights on the charging brick indicate charging status.



Step 4 2nd Sight also offers external backup batteries which can help if someone forgets to charge the FlexHub



Maintenance



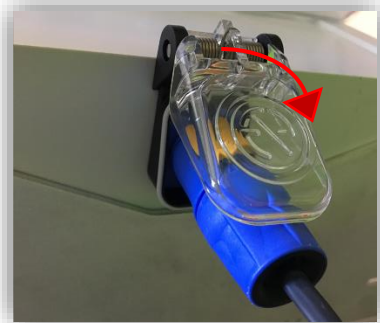
Warning: Excessively draining a battery, or leaving it in a state of discharge, can permanently damage the battery. Always turn OFF the system power when in storage and off the charger.

Please follow these steps to ensure proper FlexHub battery maintenance. The FlexHub uses a lead-acid battery and it is imperative that it does not completely drain.

Between picking days, and for long-term storage, it's important to keep the FlexHub in a climate-controlled, indoor location.

After use, it's best to keep the FlexHub plugged into the charger and turned on.

If un-plugged for storage or transport, make sure to turn off both the RHC and the FlexHub.



FLEXHUB RECEIPT PRINTER

Replacing Paper

Only use thermal paper with dimensions 2 ¼" x 85' in the FlexHub printer.

Step 1 Open the printer by gently pulling up on the bottom edge of the printer window.



Step 2 Remove the empty roll and place a new roll with the end of the paper going over the top of the roll.
The printer will only print on this side of the paper.



Step 3 Close the printer door by pressing the door in until it latches.



Step 4 Press the feed button to ensure successful installation.




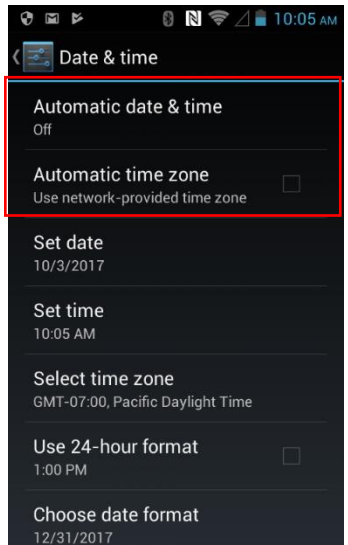
Step 5 Tear the paper off by gently pulling up and sliding the paper along the serrated edge of the printer.



RUGGEDIZED HANDHELD COMPUTER

Operating the RHC

For further instructions on operating the RHC itself, refer to the RHC-RS30 or RHC-RS50 User Manual. In the RHC manual, you learn how to download 2nd Sight apps, connect to Wi-Fi, and set and change the date and time.

 <p>Note: It is important to verify that the time and date on the RHC is correct to accurately collect labor data. “Automatic date & ftime” should be Off, “Automatic time zone: Use network provided time” should be unchecked.</p>	
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Connecting the RHC to the FlexHub

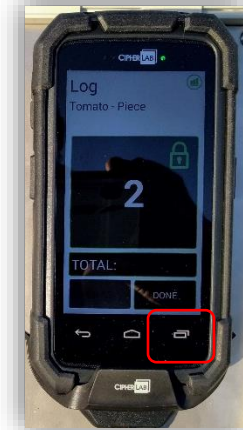
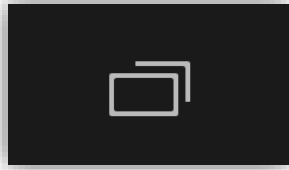
The RHC connects to the FlexHub via Bluetooth. You must pair the RHC with the FlexHub upon initial setup.

Once paired, the RHC and FlexHub should remain linked.

Connection Errors

If the system stops working while in use, reset the app on the RHC by doing the following.

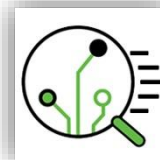
Step 1 Close the app by pressing the multiple window icon in the lower right of the RHC



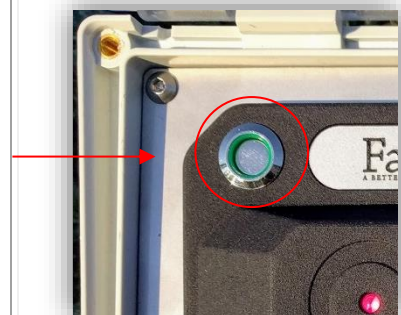
Step 2 Press and slide the app to the right of the screen to close it.



Step 3 Select the app icon from the home screen to re-launch it. This should re-establish connection with the FlexHub.

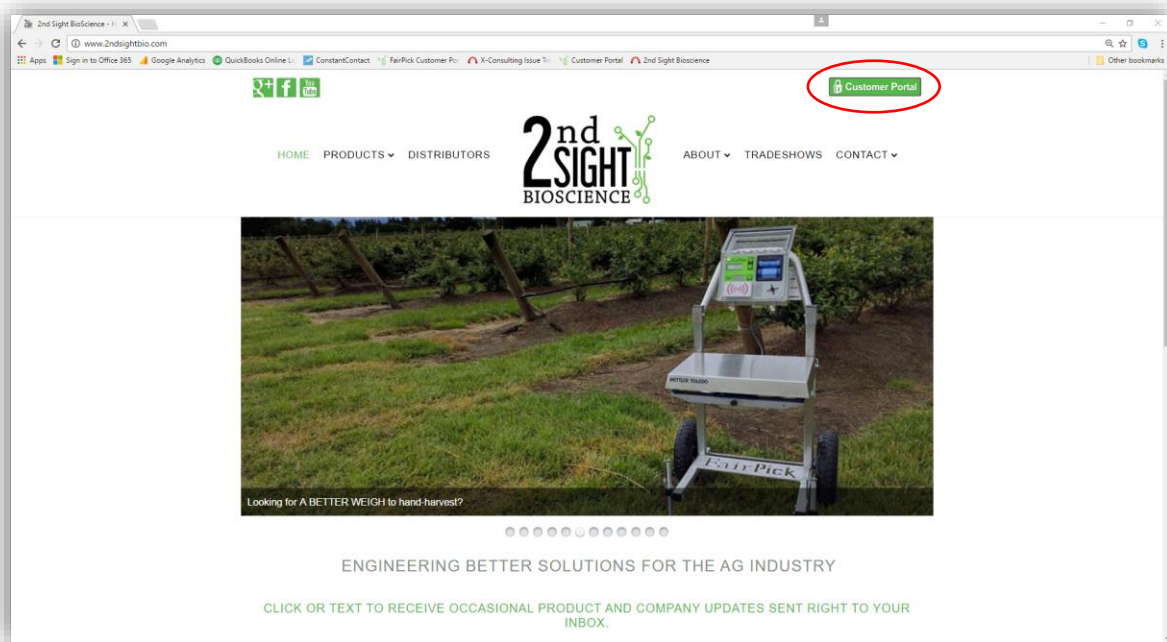


Step 4 If this does not solve the problem, turn off, and turn back on the FlexHub using the FlexHub power button. Then, repeat steps 1-3.



CUSTOMER PORTAL

The Customer Portal is the control center for the QuickPick and other 2nd Sight products. To learn how to use the Customer Portal with any 2nd Sight app, refer to the Customer Portal User Manual. You will retrieve data collected on your Portal account. Access the Customer Portal by clicking on the link: <http://portal.2ndsightbio.com>, or by visiting: www.2ndsightbio.com and clicking on the Customer Portal button.



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