



# HSTA-209 Inventory Solution User Guide



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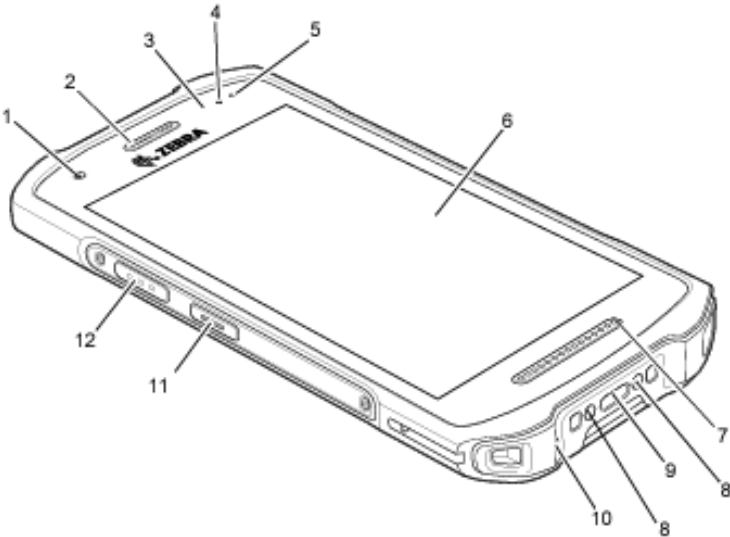
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# Data Collection Device

## Using the HSTA-209

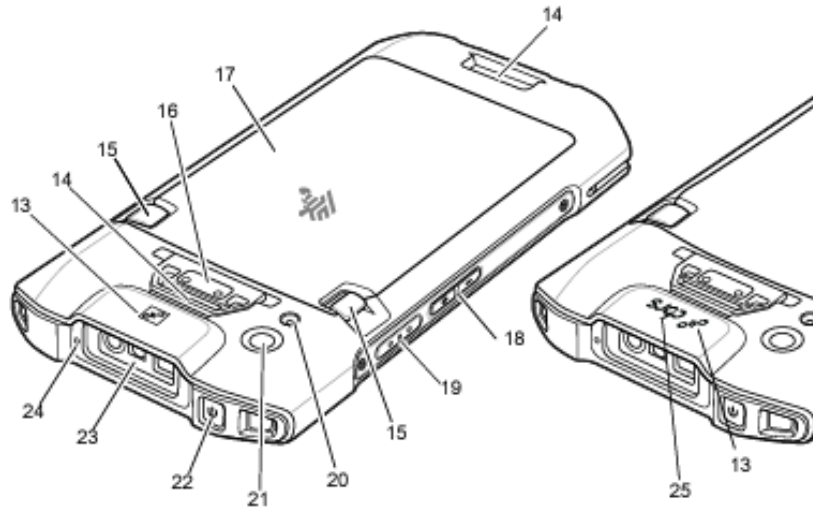
### Device Physical Features

The **HSTA-209** is a simple handheld mobile computer with a built-in scan engine.



1	Front Camera	Takes photos and videos (available on some models).
2	Receiver	Use for audio playback in Handset mode.
3	Proximity/Light Sensor	Determines proximity for turning off display when in Handset mode. Determines ambient light for controlling display backlight intensity.
4	Data Capture LED	Indicates data capture status.
5	Charging/Notification LED	Indicates battery charging status while charging and application generated notifications.
6	Touch Screen	Displays all information needed to operate the device.
7	Speaker	Provides audio output for video and music playback. Provides audio in speakerphone mode.
8	Cradle Charging Contacts	Provides device charging via cradles and accessories.
9	USB-C Connector	Provides USB host and client communications, and device charging via cables and accessories.  NOTE: For healthcare devices, it is not recommended to remove the USB-C cover to ensure proper device sealing.
10	Microphone	Use for communications in Handset mode.
11	PTT Button	Typically used for Push-to-Talk communications. Where regulatory restrictions exist <sup>1</sup> for Push-to-Talk VoIP communication, this button is configurable for use with other applications.
12	Scan Button	Initiates data capture (programmable).

Figure 1 HSTA-209 Diagram Front



13	NFC Antenna	Provides communication with other NFC-enabled devices.
14	Basic Hand Strap Mount	Provides mounting point for Basic Hand Strap accessory.
15	Battery Release Latches	Press to remove the battery.
16	Alert Button	Red alert button (available on healthcare devices only).
17	Battery	Standard - 3,400 mAh (typical) / 3,300 mAh (minimum), PowerPrecision Lithium-ion Battery Extended - 5,260 mAh (typical) / 5,000 mAh (minimum), PowerPrecision Lithium-ion Battery.
18	Volume Up/Down Button	Increase and decrease audio volume (programmable).
19	Scan Button	Initiates data capture (programmable).
20	Camera Flash	Provides illumination for the camera.
21	Rear Camera	Takes photos and videos.
22	Power Button	Turns the display on and off. Press and hold to reset the device or power off.
23	Exit Window	Provides data capture using the imager.
24	Microphone	Use for communications in Speakerphone mode.
25	cbars logo	Citizens Broadband Radio Service (cbars) available on TC26EK configuration.

Figure 2 HSTA-209 Diagram Back

## Battery and Charging

To charge the Data Collection Device:

1. To charge the internal battery, connect the charging accessory to the appropriate power source.
2. Insert the Data Collection Device into a cradle or attach to a cable. The Data Collection Device turns on and begins charging.
3. The Charging/Notification LED indicated the status of the battery charging in the device.

## Low Battery Notification

When the battery level drops below 20%, a notice to connect to power will be displayed. The battery should be charged using one of the charging accessories.

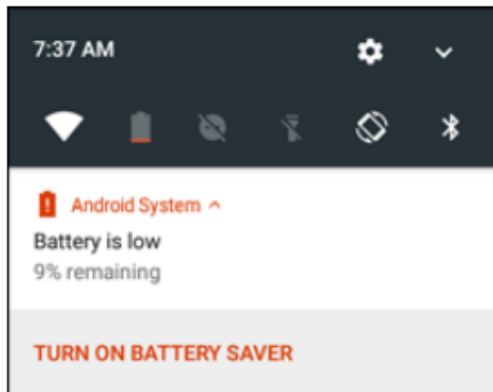


Figure 3 Low Battery Notification

## First Time Use

Follow the steps below for setting up your HSTA-209 for first time use.

1. Charge the HSTA-209 from a PC USB port using the supplied USB type C cable.



Figure 4 Charging HSTA-209

2. Power on the HSTA-209 by holding the to power button for 3 seconds or until the device screen turns on.



Figure 5 HSTA-209 Power button location

3. After the device turns on, swipe up from the bottom of the screen to unlock the HSTA-209.

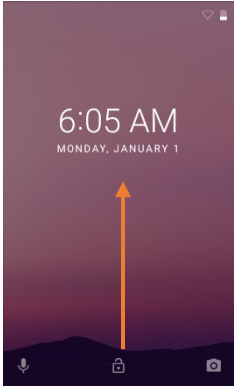


Figure 6 HSTA-209 lock screen

4. Open the ABC Financial Inventory Management application.



Figure 7 HSTA-209 home screen

5. Collect Data



For more information on collecting data, see **Data Capture** on page 7.

Figure 8 Inventory Application Home Screen

## Data Capture

The HSRF-209 Data Collection Device uses a scan-enabled application to collect information using an imager to decode barcode data and display barcode content.

1. Open the HSRF-209 Inventory App and select an inventory collection option.

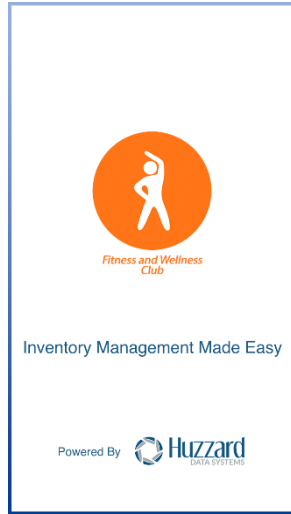


Figure 9 Inventory app Starting Splash screen

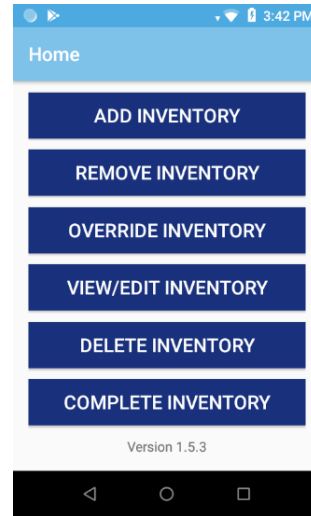


Figure 10 Inventory Application Home Screen

2. Point the scan window on the top of the Data Collection Device at a barcode
3. Press and hold the **Scan Button**.
  - a. A red LED aiming pattern turns on to assist in aiming.



Figure 11 Scanning a Barcode

4. Ensure the barcode is within the area formed by the aiming pattern.



*Figure 12 Proper Barcode Scanning*



5. The data capture LED lights green and a beep sounds to indicate a successful decoded of the barcode.
6. Release the scan button.
7. Barcode data will display in the Collection App data



# HSTA-209 Inventory Application

## Application Screens

The HSTA-209 Inventory App has multiple screens for different forms of inventory collection and modification

### Home

The Home Screen is the first interactive screen. This is where all collection and modification options will be selected.



*Figure 13 Home Screen*

To select a collection screen type, tap on the option that will be used.

## Add Inventory

**Add Inventory** will add the scanned barcodes **SKU number** into the inventory.

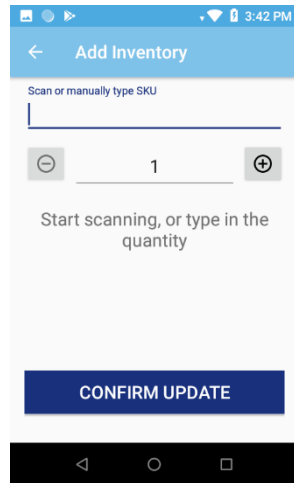


Figure 14 Add Inventory Screen

To increase the inventory quantity that will be added, either tap the plus “+” icon next to the quantity amount, or scan the same SKU number multiple times. Each time the same SKU number is scanned in succession, it will increase the quantity by one. To decrease the quantity from this screen, tap the minus “-“ icon next to the quantity amount. (More Information in View/Edit Inventory)

## Remove Inventory

**Remove Inventory** will remove inventory quantity per SKU scanned from current inventory. If there is no inventory present, it will subtract that SKU to the collected inventory and will appear as a negative quantity. (More information in View/Edit Inventory).

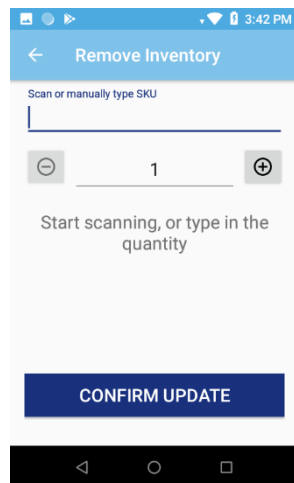


Figure 15 Remove Inventory Screen

## Override Inventory

**Override Inventory** works in a similar fashion to add, but instead of increasing the inventory amount in DataTrak after the inventory data file is imported, it will replace the inventory amount with the values from the inventory app. (More information in View/Edit Inventory).

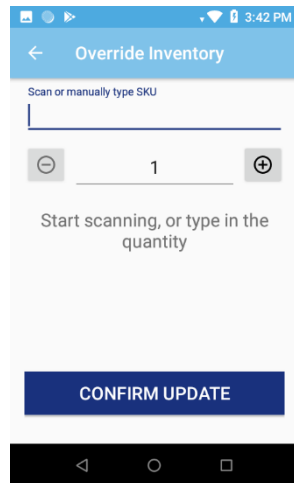


Figure 16 Override Inventory Screen

## View/Edit Inventory

**View/Edit Inventory** will allow you to view what products are collected in the devices current scanned inventory, edit the quantities of that inventory, and change the **current action**.

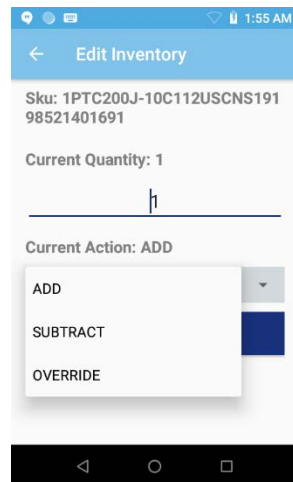


Figure 17 Edit Selected Product Screen

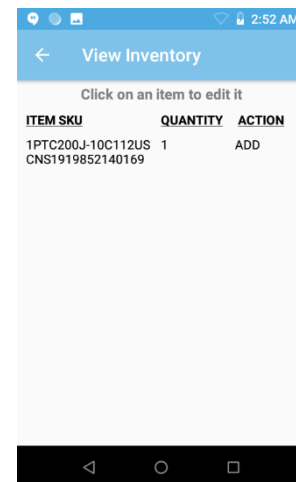


Figure 18 View Inventory Screen

**Current Action** is the way the inventory in DataTrak will be modified. There are three different possible actions. **Add**, **Subtract**, and **Override**.

**Add:** Will add the quantity in the devices inventory to DataTrak's inventory.

**Subtract:** Will subtract the quantity in the devices inventory from DataTrak's inventory.

**Override:** This will replace the quantity in DataTrak's inventory with the quantity from the device.

## Delete Inventory

**Delete Inventory** will allow for any products that have been added to the devices' scanned inventory to be deleted and will not impact the DataTrak inventory after importing.

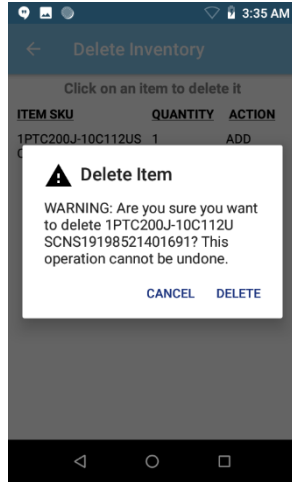


Figure 19 Delete Inventory Item Screen

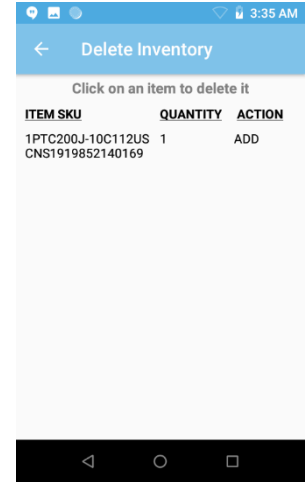


Figure 20 Delete Inventory Screen

## Complete Inventory

**Complete Inventory** will display the instructions for how to transfer the device inventory to the connected computer.

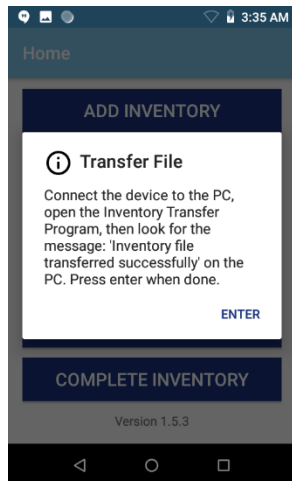


Figure 21 Complete Inventory Prompt

# Moving data from HSTA-209 to PC to ABC DataTrak

## Inventory Transfer Utility Program

An Inventory Transfer utility program is required to export data from the HSTA-209 Inventory device to a Windows PC.

The Inventory Transfer utility program can be downloaded from the Huzzard/ABC Tech Support portal, or received from an ABC club representative or ABC tech support.

## Exporting Inventory from HSTA-209

To export collected inventory data from the HSTA-209 Inventory Solution, follow the steps below.

1. Plug HSTA-209 into Windows PC with the USB-C cable that was supplied with the device.
  - a. If you see “Allow USB debugging?” as shown below, click “OK”.

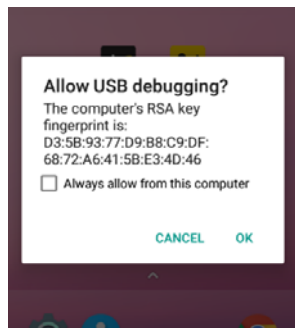


Figure 22 Allow USB Debugging Alert

## First Time Using Transfer Program

2. If first time setup, continue to step 2-a. **If previously used, continue to step 3.**
  - a. Download the “ABC Inventory Transfer Program for DataTrak” from the Huzzard/ABC Tech Support downloads page.
  - b. After the download has completed, the file will be available in your downloads folder on your PC (or default download location for your PC). Open the downloads folder and double click to open “ABC Inventory Transfer Program for DataTrak.”
  - c. After opening, or extracting the “ABC Inventory Transfer Program for DataTrak,” move the “Run Inventory Transfer” shortcut to your desktop or preferred location for easy access.

## Subsequent Use of Transfer Program

3. Double click to open the “Run Inventory Transfer” shortcut from the designated location from step 2-c.

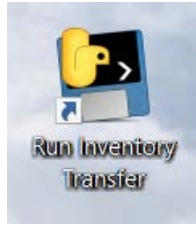


Figure 23 HSTA-209 Inventory Transfer Icon

4. The program will export data from HSTA-209.

```
Run Inventory Transfer
-----
ABC Inventory Transfer Utility
Copyright © 2019 Huzzard, Inc.
-----
Found 1 connected device(s).
Updating inventory file on device...
Beginning transfer...
Inventory file transferred successfully.
Clearing inventory file on Android device...
Inventory file cleared successfully.

Press enter key to exit...
```

Figure 24 Inventory Transfer Program Completed

5. When you see “Press ENTER Key to exit,” the export is complete.
  - a. Press ENTER to close the Inventory Transfer Program.

## Importing Inventory to DataTrak

After the inventory has been successfully exported to the connected PC, follow the steps below to import inventory to DataTrak.

1. Open DataTrak and select "Setup."
2. Select "Inventory Shortcut."
3. Select "Upload."
4. Navigate (Browse) to the location of the new inventory file that has been created in the ABC Inventory Transfer Program folder. Click on the file. Hit ENTER.
5. Select "SAVE." Inventory levels are now updated.

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