Kudos

Skandroid App

User Guide

CONTENTS

SKANDROID OVERVIEW

This facility allows stocktaking on Kudos approved Android devices – currently the Honeywell EDA52.

Kudos Skandroid allows you to download the stock file from CI for verification during the scanning process.   Communications between your PC and the Android device may be via wireless connection or by file download.

An option also exists for scanning the stocktake without having a product file loaded for verification purposes.

Uploading the stocktake data from the Android device back to your PC can be either by wireless or file upload.

Kudos Skandroid provides an easy interface to allow you to quickly scan barcodes during the stocktaking process.

Additionally, the application can be used for stock enquiry and branch transfers.

▶ *Registration*

A special application called Kudos Skandroid may be purchased from Kudos or its agents at $225 + gst.   This fee applies to a single device.   This is a one-off life time purchase.

Upgrades to Kudos Skandroid may be purchased at $50 + gst per unit.

Please note that Skandroid is a licensed product and will only work on the device it is licensed to.

Current Skandroid Version: 1.17

HONEYWELL EDA52 ANDROID DEVICE

Honeywell EDA52 Enterprise Terminal is a smart Android device used for stocktaking and product verification in conjunction with the Kudos Counter Intelligence software suite.   The device delivers stable and secure enterprise data management and wireless communications through the Android operating system.   The main features of ScanPal EDA52 are: large-screen display, high-capacity battery, barcode imaging and extreme robustness.

▸ Android™ 11 OS.

▸ 4GB dynamic RAM and 64GB flash memory.

▸ Large 5.5-inch full touch display screen

▸ High-performance area imaging features with an ergonomic scan trigger.

▸ LTE/UMTS/CDMA/GSM wireless WAN communications ensure high-speed data transmission and high-fidelity sound support for all network technologies.

▸ IEEE 802.11a/b/g/n/ac.

▸ Bluetooth 5.1.

▸ Near-field communication (NFC) technology for short-range wireless data transmission.

▸ High value-added software components support professional imaging and optical character recognition (OCR) features.

▸ Reliable Micro SD slot that supports up to 128GB expansion.

▸ Integrated GPS receiver.

▸ 13 mega pixels colour camera.

A Power Indicator

B Scan Indicator

C Display

D Function Key

E Home Key

F Return Key
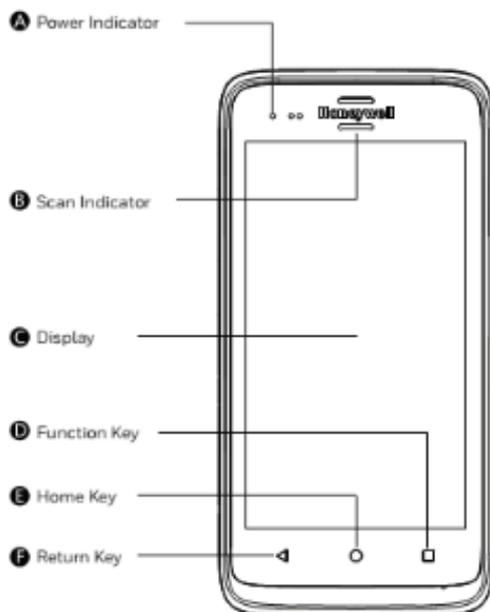
Left Side View

Right Side View

A Power Button

B Scan Button

C Volume Up

D Volume Down

E Scan Button

F Charging Contact

G USB Cover
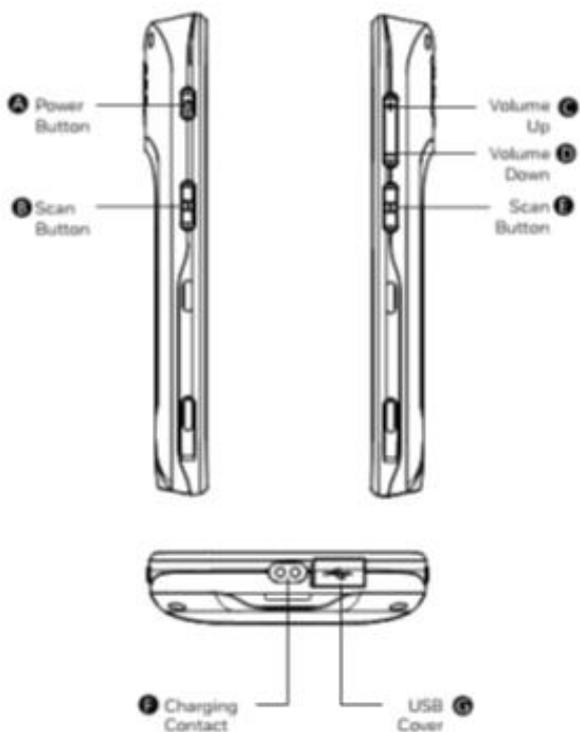
▶ *Charging Cradle*

Charging cradle for charging ScanPal EDA52.

▶ *Scan Handle*

A scan handle for EDA52 can be purchased separately.

▶ *Checking The Remaining Battery Capacity*

Except for the battery icon and power indicator, you can also get the battery capacity information from Settings.

1) Tap **Settings**.

2) Tap **Battery**.   The current percentage of remaining battery capacity and the remaining time will be displayed.   The list will present the power consumed by each application and service.   For detailed usage information, please tap the respective applications and services in the list.

▶ *Scanning Indicator*

The scanning indicator indicates the status of the scanner.

Scan indicator
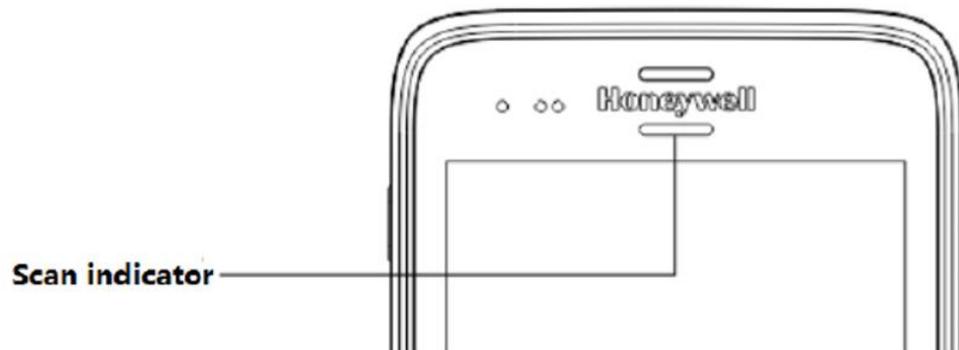
▶ *Setting Screen Backlight*

The terminal's screen is equipped with background light sensor which can automatically adjust backlight intensity to save power and ensure the display readability.   You may set the backlight intensity based on the environment.

1) Tap **Settings**.

2) Tap **Display / Brightness Level.**

3) Tap **Adaptive brightness** to automatically adjust the backlight intensity, or slide adjustment bar to set the backlight intensity.

STOCKTAKING - PROCESS

▶ *Step 1: Take a Snapshot*

The first step during the stocktaking process is to take a snapshot of your existing stock. This is like a photograph of your current stock levels. The snapshot should be taken the day the stock is counted.

It is recommended that the snapshot is taken at the end of the day after transactions have been received and processed from all tills in Counter Intelligence Office. The count can then be taken the same night or early in the morning before trading. By doing so, you're insuring that the count will not be affected by the day's sales, i.e. you do not have to account for sales transactions while doing your counts.

If however the snapshot is taken in the morning and the count is performed during the day while trading you would have to account for the quantities sold and/or transferred i.e. include these items in the count.

To take a snapshot click on **Select Stock to Count** on the **Stocktaking** menu. You will need to enter a code for the snapshot and a description if you wish. You are able to select the stock that will be counted by the following criteria: branch, stock group, brand, season, and supplier.

If you wish to print out stocktaking sheets to write the quantities on while you are counting the stock, tick the box at the bottom of this screen that reads **Print Stocktaking Sheets**.

Once you have entered all this information, click on the **Start** button to take the snapshot.

Note: The snapshot may take up to ten or fifteen minutes to complete. In fact, if you have been very selective in your choice of criteria, the snapshot may take around three quarters of an hour. So be patient while you wait for the snapshot to complete.

It is possible to have several snapshots in progress at one time. For example, if you are performing a stocktake at multiple branches, you'll find the stocktaking process much easier to handle by taking a separate snapshot for each branch. The same will apply for situations where only certain stock groups are included in the stocktake or certain supplier's products only.

Note: Once taken, the snapshot cannot be altered, i.e. you cannot include additional plu's. If you wanted to do so, you would have to create a new snapshot. Also, the snapshot will not include or adjust the quantities for plu's that have been sold after the snapshot has been taken.

Note: Stock items that have been flagged for deletion will not be included in the Snapshot.

▶ *Step 2: Take the Count*

See *Skandroid - Stocktaking*.

▶ Step 3: Enter the Count

See *Skandroid - Uploading Stocktake Count into Counter Intelligence.*

▶ Step 4: Print Variance Report

A Variance report compares your count with the quantities reported in your snapshot.

To print a Variance report, choose **Print Variance Report** from the **Stocktaking** menu. Again, you will need to enter the snapshot code and the branch code. You can either print a variance report for the entire snapshot or you can only print the exceptions (i.e. figures from the count that differed from those in the snapshot).

To do this click the option that reads **Only Print Exceptions**, then click **Print** to print the report.

▶ Step 5: Check the Count

Check your Variance report and make sure you are happy with the figures, if so you can skip the next step and proceed directly to Step 7. Otherwise, if some of the figures are inaccurate you will need to edit the count to change them.

▶ Step 6: Edit the Count

To edit the count choose **Enter or Edit Count** from the **Stocktaking** menu, key in the snapshot and branch code. The previously entered figures will be listed on screen. To find a certain stock item, click on **Order by PLU**. You may then use the Page Up and Page Down keys to quickly locate a certain item and correct its quantity.

Another way of locating a certain stock item is by typing in the PLU number in the bottom left field marked with a " * ". By typing the PLU and pressing Enter the Enter or Edit Count Form will locate and highlight the PLU entered. Again, you may click on **Check** when you have finished.

Once you have made all necessary changes, you should return to Step 4 and print another Variance report, recheck the count, and if necessary, make further changes. Once you are satisfied that the count is accurate, you can move onto the next step.

▶ Step 7: Print a Stock Valuation Report

Once you are satisfied that the stocktake count you've entered is accurate, it's time for you to print the last report, the Stock Valuation Report. This report displays the entire count along with the total Average Cost value of every product line.

To print a Stock Valuation report, choose **Print Stock Valuation Report** from the **Stocktaking** menu. Enter your snapshot and branch code, then click Print.

Printing a Stock Valuation report before proceeding to the next step is important, as it provides the opportunity to get an accurate Stock Holding at Average Cost for your stocktake, before updating the same.

Tip: You can print the Stock Valuation report to disk for future reference.

▶ *Step 8: Update the Count*

Here is the point of no return – always run a back up before completing the final step. The final step of updating the count will complete the stocktake. Once the stocktake has been completed you will be unable to change the count, and print further variance or valuation reports. So be sure that you are happy with the figures you have entered, and that you have all the reports you need, before you update the count.

Updating the count is the step that corrects all the inaccurate stock quantities that have been discovered through the stocktaking process. It does this by applying the variance to your current stock quantities. Therefore, your quantities will still be accurate regardless of any stock movements that have occurred after the snapshot was taken.

To update the count first run a backup of CI Office, then choose **Update Stock Figures** from the **Stocktaking** menu, enter the snapshot code and branch code, then click **Start**.

Once again, this process may take some time so be patient.

IMPORTANT NOTE: Be aware that once you've completed the stocktake, the stocktake adjustments are recorded as of the day the snapshot was taken.

SKANDROID - STOCKTAKING

Prior to commencing your stocktake you will need to take a snapshot of the stock being counted in Counter Intelligence Office and load the StockItems file into the scanner, see *Skandroid - Uploading Stock Items for Scanning Verification.*

In the Skandroid app select **Stocktake**.

Select the branch that the stocktake is for.

Now scan the barcode or key the PLU.

If you wish to enter a quantity greater than 1 – enter it at this point or use the plus and minus keys.

The number of items scanned shows along with the branch count plus an indication of the number of future entries that can be made.

To edit a previously scanned item select it and change the quantity.   If you wish to delete the line simply enter a quantity of 0 against it.   You may leave the application and re-join it at any time.

To finish out of the application press the key.

You may rejoin the data capture at any time.

SKANDROID - UPLOADING STOCK ITEMS FOR SCANNING VERIFICATION

▶ *Wireless*

To upload the StockItems file to the Android Device ensure that the mobile device is connect to your wifi on the the same network as your PC.

1) Select the **Stocktaking** option in Counter Intelligence Office and select **Upload Stock Items to Kudos Scanner Android Application.**

   If you are doing a selective stocktake then select the data that you wish to include in this stocktake.

2) On the Android Device select the **Skandroid** application.

3) Select **System.**

4) Select **Communications.**

5) Select **Import Stock File Direct from CI.**

6) The Android unit will now start polling Counter Intelligence.

7) In Counter Intelligence you should now see the Android Device listed.

   Select the Android device and press **Start**.

   On completion the number of items which were loaded will show on the Android Screen.

▶ *Cable*

To upload the Stock Master file to the Android Device ensure that the mobile device is connected to the PC via a USB cable.

1) Select the Stocktaking option in Counter Intelligence Office and select Export Stock Items to CSV.

2) When the **Export Stock Items to…** screen appears leave the file name as StockItems.csv and make sure the file is being saved into a working folder on your PC.

3) Enter the **Branch Code** that you will be stocktaking and click on **Start**.

   Note: If using the scanner for a branch transfer you will need to select the branch the stock is being transferred to.

4) Connect the Honeywell EDA50 to your PC via the usb cable.   Make the EDA50 visible by enabling **Transfer Files**.

Android System
   USB for File Transfer
   Tap for more options

Use USB to
   Charge this device
   Transfer Files
   Transfer Photos (PTP)
   Use Device as MIDI

5) Copy the stockitems file from the folder where you placed it across to the **Download** folder on the Honeywell EDA52.

6) Select the **Communications** menu on the Honeywell EDA52 and select **Import Stock File.**

On completion the number of products uploaded will display.

SKANDROID - UPLOADING STOCKTAKE COUNT INTO COUNTER INTELLIGENCE

▶ *Wireless*

1) Select the **Stocktaking** option in Counter Intelligence Office and select **Process PDE Count from Kudos Android Application**.

2) On the Android Device select the **Skandroid** application.

3) Select **System.**

4) Select **Communications.**

5) Select **Export Stock File Direct to Counter Intelligence.**

6) The Android unit will now start polling Counter Intelligence.

7) In Counter Intelligence you should now see the Android Device listed.

   Select the Android device and press **Start**.

8) Enter the Snapshot Code and Branch Code, tick Print Exceptions Audit Trail and press Start.

   On completion the number of items which were loaded will show on the Android Screen.

9) Now follow **Step 4: Print Variance Report**. *See Stocktaking - Process.*

▶ *Cable*

1) On the Android unit select **System / Communications**.

2) Select **Export Stock File**.

3) A file will be placed in the **Download** folder.

   A message will appear on the screen showing the records saved and then asking if you wish to delete the stocktake records.   Please note this process will not affect the stockfile that you had downloaded to verify the scans.

4) Now transfer the file to a folder on your PC via the USB cable between the Honeywell EDA52 and a folder on your PC.

   Please Note: There is an Android quirk where the file may not show under windows explorer. To correct this, you may need to re-boot your Android device.

5) In Counter Intelligence Counter Intelligence select **Stocktaking \ Process PDE Count.**

6) Locate the file you have transferred.

7) Enter the **Snapshot Code** and **Branch Code**, tick **Print Exceptions Audit Trai**l and press **Start**.

8) Now follow **Step 4: Print Variance Report**. *See Stocktaking - Process.*

SKANDROID - BRANCH TRANSFERS

Prior to commencing your transfer you will need to load the StockItems file into the scanner, see *Skandroid - Uploading Stock Items for Scanning Verification.*

In the Skandroid app select **Stocktake**.

Select the branch the stock is being transferred to

Now scan the barcode or key the PLU

If you wish to enter a quantity greater than 1 – enter it at this point or use the plus and minus keys.

The number of items scanned shows along with the branch count plus an indication of the number of future entries that can be made.

To edit a previously scanned item select it and change the quantity.   If you wish to delete the line simply enter a quantity of 0 against it.   You may leave the application and re-join it at any time.

To finish out of the application press the key.

You may rejoin the data capture at any time.

Note: Branch Transfers can only be uploaded using the cable method.

SKANDROID - UPLOADING BRANCH TRANSFER INTO COUNTER INTELLIGENCE

▶ *Wireless*

This method cant be used for processing Branch Transfers into Counter Intelligence.

▶ *Cable*

1) On the Android unit select **System / Communications**.

2) Select **Export Stock File**.

3) A file will be placed in the **Download** folder.

   A message will appear on the screen showing the records saved and then asking if you wish to delete the stocktake records.   Please note this process will not affect the stockfile that you had downloaded to verify the scans.

4) Now transfer the file to a folder on your PC via the USB cable between the Honeywell EDA52 and a folder on your PC.

   Please Note: There is an Android quirk where the file may not show under windows explorer. To correct this, you may need to re-boot your Android device.

5) In Counter Intelligence Counter Intelligence select **Transfers \ Enter or Modify a Transfer \ Via PDE.**

6) Locate the file you have transferred.

7) Specify the branch the stock is being transferred of in the **From Branch**, enter a **Reason** if required and press **Start**.

SKANDROID - SETTINGS

▶ *Leading Zeros*

    ▸ Add to UPC-A and UPC-E barcodes

    ▸ Strip from barcodes

▶ *Quantity Handling*

    ▸ Duplicate scans not allowed

    ▸ Scan increments quantity

    ▸ Each scan adds a new record

▶ *Other Settings*

    ▸ Validate data in stocktake

    ▸ Use camera

    ▸ Continuous Scan