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Technical Support

If you need installation or troubleshooting help, please contact us via:

Knowledge base: [www.hsmknowledgebase.com](http://www.hsmknowledgebase.com)

Honeywell knowledge base provides thousands of turnkey solutions. If the knowledge base can't help you solve your problems, you can submit your questions or ask question on Honeywell technical support website.

Technical support website: [www.hsmsupportportal.com](http://www.hsmsupportportal.com)

Login Honeywell technical support website to search for knowledge base, submit your difficulties or questions, ask for call-back services or provide feedbacks. Please provide more detailed information when filling the forms. You can also upload attachments for explanation.

Contacts: [www.honeywellaidc.com/locations](http://www.honeywellaidc.com/locations)

For the latest contacts, please visit our website.

Product Service and Maintenance

Honeywell International Inc. provides services for all of its products all over the world via its service centers. For information about the site of service centers, please visit [www.honeywellaidc.com](http://www.honeywellaidc.com) and select English as preferred language, then select Support > Contact Support > Service and Maintenance. Please contact our service center to get RMA (Return Material Authorization) numbers before sending the products for maintenance.

To get Honeywell service during warranty or out of warranty, please send the product together with the purchase date records to Honeywell service center (postage paid).

Limited Warranty

For information about the warranty, please visit [www.honeywellaidc.com](http://www.honeywellaidc.com) and select Chinese (中文) as preferred language; tap Resources > Warranty.

Feedback

Your feedback is very important for us to improve the quality of documentation. Please contact Technical Communication Departments.
to submit your feedback on the User Guide:
ACSHSMTEchnicalCommunications@honeywell.com.
1 Product Features of ScanPal EDA60K-0 Handheld Computer

This chapter introduces the ScanPal EDA60K-0 handheld computer with Android 7.1 OS, hereinafter abb. EDA60K-0 or handheld computer. User may acknowledge the basic features, functions and other information about accessories from this chapter.
About EDA60K-0 Handheld Computer

Honeywell’s ScanPal series handheld computers are smart terminals primarily targeted at enterprise users. It provides, through its Android OS, stable and secure enterprise data management and wireless communication. The main features of EDA60K-0 are: large storage capacity, high-capacity battery, stable scanning function and extreme robustness.

- Android™ 7.1 OS.
- 2 GB dynamic RAM, 16GB flash memory.
- Sensitive 5-point capacitive touch screen, WVGA display
- High-performance scanner¹.
- IEEE 802.11a/b/g/n/ac.
- Bluetooth 4.1.
- High value-added software components support professional imaging and optical character recognition (OCR) features².
- Multiple 1.5m drops to concrete ground at normal temperature; 1,000 tumbles within 0.5m
- IP64 Ingress Protection.
- Reliable Micro SD slot that supports up to 32GB.

¹ ²: EDA60K-0 has N4313 and N5603 versions with different OCR functions due to different configurations.
EDA60K-0 side and bottom views
Rear board

- Scan Engine
- Extension, mounting hole
- Speaker
- Battery
- Battery Cover
- Latch and Button
- Buckle Handle

EDA60K-0 rear view
Battery

EDA60K-0 uses 3.7V rechargeable lithium ion battery as its main power supply. The battery capacity is 18.9 watt/hour. Battery life is influenced by many factors, such as: screen brightness, the length of time before the screen automatically go to sleep, input configurations, extreme temperature and using behaviors, etc.

Honeywell suggests you to keep the battery charged to avoid data loss. Change battery only after switching off the device as per normal. Switch on the device after completing change of battery.

If you need to buy a replaceable battery, please contact regional resellers.

⚠️ Warning: Improper use of the battery of this device can cause a fire or chemical burns. Please don't disassemble the battery or heat it to 100 °C (212 °F) and above, or incinerate the battery. Make sure waste batteries are properly disposed. Keep out of reach of the children.

We would recommend using only Honeywell's lithium battery; any damage caused by use of non-Honeywell battery is not covered by warranty.

Charging

Before using EDA60K-0, you need to make sure the battery (model number AB18) is fully charged. You can charge the battery before or after installing it to EDA60K-0. It will take about 5 hours for the battery to be fully charged using original quad charger (cradle charger or otherwise).

We would recommend using Honeywell’s original charger; any damage caused by use of non-Honeywell charger is not covered by warranty.
Replacing batteries

When the battery power is low, you can charge it together with the Handheld Computer, or replace it with a fully-charged battery.

1. Save all the files and close all running Apps.
2. Long press the Power key. Until the follow interface pop up:

   ![Power menu screenshot]

3. Tap **Power Off**.
4. EDA60K-0 will ask whether to power off, tap **Yes**.
After it's turned off, do as the following instructions manually:

1. Press the battery cover latch and button in the arrowhead direction to unlock it;

2. Flip the battery out in the arrowhead direction;
3. Put one end of battery onto limit slot, and flip in the battery in the arrowhead direction;
4. Press the back of battery in the arrowhead direction, till the mechanism of battery-cover latch is locked; then the batter is installed.
Battery icon

Battery icon on the status bar shows the power status of the battery. The following table only contains several of the icons. For detailed information about battery life and power remained, please go to Settings > Battery.

Battery icon
<table>
<thead>
<tr>
<th>Icon</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Battery icon]</td>
<td>Battery power is 100% full</td>
</tr>
<tr>
<td>![Battery icon]</td>
<td>Battery power is 50% full</td>
</tr>
<tr>
<td>![Battery icon]</td>
<td>Battery power is too low. Replacing the battery right now.</td>
</tr>
<tr>
<td>![Battery icon]</td>
<td>The handheld computer has been connected to external power supply for charging.</td>
</tr>
<tr>
<td>![Battery icon]</td>
<td>Batter failure occurs. Please replace the battery. If the failure still exists, please contact Honeywell technical support.</td>
</tr>
</tbody>
</table>

Power indicator on the upper left corner of the Handheld Computer shows the battery charging status. It can also be used as system message indicator. For detailed setting methods, please refer to [http://developer.android.com/guide/topics/ui/notifiers/notifications.html](http://developer.android.com/guide/topics/ui/notifiers/notifications.html).

### Default power indicator description

<table>
<thead>
<tr>
<th>Connect to power supply</th>
<th>Indicator status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Flashing amber (orange)</td>
<td>Battery power is less than 15%</td>
</tr>
<tr>
<td>No</td>
<td>No light</td>
<td>Battery power is higher than 15%</td>
</tr>
<tr>
<td>Yes</td>
<td>Stable amber (orange)</td>
<td>Battery power is between 0% to 60% full</td>
</tr>
<tr>
<td>Yes</td>
<td>Flashing green</td>
<td>Battery power is between 60% and 95% full</td>
</tr>
<tr>
<td>Yes</td>
<td>Stable green</td>
<td>Battery power is higher than 95% full</td>
</tr>
<tr>
<td>Yes/No</td>
<td>Flashing red</td>
<td>Battery failure</td>
</tr>
</tbody>
</table>
Changing power indicators

If the default indicators for battery charging (flashing green) is inappropriate for your environment, you can change the indicator.

In addition to changing the default power indicator, you can also select:

- Default Battery LED
- No Battery LED

If you prefer the indicator to be solid amber and to change to solid green when in charging, you need to perform **Default Battery LED** settings. If you prefer the indicator as message notification (application or device management solution notification) indicator, you need to select **No Battery LED** settings.

**Default power indicator meanings**

<table>
<thead>
<tr>
<th>Connect to power supply</th>
<th>Indicator status</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
<td>Flashing red</td>
<td>Battery power is less than 15% full</td>
</tr>
<tr>
<td>No</td>
<td>No light</td>
<td>Battery power is 15% or more</td>
</tr>
<tr>
<td>Yes</td>
<td>Stable red</td>
<td>Battery power is less than 15% full</td>
</tr>
<tr>
<td>Yes</td>
<td>Stable amber</td>
<td>Battery power is between 15% to 90% full</td>
</tr>
<tr>
<td>Yes</td>
<td>Stable green</td>
<td>Battery power is over 90% full</td>
</tr>
</tbody>
</table>

1. Tap **All Applications > Settings > Honeywell BatteryLED**
2. Select from the following options:
   - Default Battery LED
   - HSM Battery LED (Factory settings)
   - No Battery LED
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 All Applications > 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.

Battery life and maintenance

The battery will discharge slowly if it's placed outside of the Handheld Computer. Honeywell Technical Support advises you to store battery in recharger to maintain battery performance.

Tips for battery maintenance

<table>
<thead>
<tr>
<th>If you have the following needs:</th>
<th>Power saving plan:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low power icon shows on the screen or the power</td>
<td>Long press the Power key and choose Turn Off. After the Handheld Computer is tuned</td>
</tr>
<tr>
<td>indicator lights on when the Handheld Computer is in</td>
<td>off, take out battery and replace with a fully charged battery.</td>
</tr>
<tr>
<td>use</td>
<td></td>
</tr>
<tr>
<td>The Handheld Computer will not be in use for 5 mins or</td>
<td>Make sure no low power icon displayed and the power indicators doesn't light on.</td>
</tr>
<tr>
<td>more</td>
<td>Switch to sleep mode by pressing the Power key.</td>
</tr>
<tr>
<td>The Handheld Computer will be stored for more than one</td>
<td>• If you need to store this Handheld Computer for several days (like a weekend),</td>
</tr>
<tr>
<td>day</td>
<td>you need to install a fully charged battery or connect the Handheld Computer to</td>
</tr>
<tr>
<td></td>
<td>the power supply.</td>
</tr>
<tr>
<td></td>
<td>• If you need to store it for a longer time, remove the battery and charge it.</td>
</tr>
<tr>
<td></td>
<td>Put the Handheld Computer and the battery in a shady and cool place after the</td>
</tr>
<tr>
<td></td>
<td>battery is fully charged.</td>
</tr>
<tr>
<td></td>
<td>• If the battery is to be stored for several months, regular charging is needed</td>
</tr>
<tr>
<td></td>
<td>for excellent battery performance.</td>
</tr>
</tbody>
</table>
Battery maintenance recommendations and safety protection measures

- Fully charge the battery before using it. The battery is only partly charged when get packed.
- Refer to the chapter "charging" to get the right process for battery charging. Using the battery for other devices may cause damages on the device or the battery.
- Avoid battery or Handheld Computer drops. If you suspect that a battery or Handheld Computer fails, send it to Honeywell service center for verification.
- This battery can only replace another AB18 battery. These batteries have been tested and meet the appropriate safety standards. If you need to replace the battery, please contact Honeywell service representatives or the resellers.
- There are security risks in waste batteries. Before cleaning up the battery, stick the poles with insulation tape.
- Do not modify the battery or attempt to insert foreign objects into the battery.
- Do not solder directly to the battery poles.
- Do not short connect the battery and put the battery away from metal objects.
- Do not drop or mechanically shock or extrude the battery.
- Do not disassemble or open the battery. Do not crush, bend or deform the battery; Do not puncture, shred or burn the battery.
- Do not immerse the battery in water.

**Enabling Airplane Mode**

If you don't need to connect to any wireless network, you can enable the airplane mode to turn off all wireless receivers to save power.

1. Tap **Settings**.
2. Tap **More** under **Wireless & Networks**.
3. Select **Airplane Mode** box to enable airplane mode.
Power on

After the battery is fully charged and installed EDA60K-0, turn on it for the first time:

Press down and then release the **Power key**.

**Please note:** after the installation instructions are completed, the welcome interface will not appear again. The interface appears as locked screen interface after each time you turn on the Handheld Computer.

Unlocking the screen

Every time you turn on the Handheld Computer EDA60K-0, you need to unlock the screen.

- Slide the lock icon to any edge of the screen to unlock it.
- After the EDA60K-0 is deployed, we suggest you to set password to protect your Handheld Computer. Tap **All Applications > Settings > Security > Encryption**.
Scanning Indicator

The scanning indicator indicates the status of the scanner. For barcode scanning method, please refer to the chapter "Scanning barcodes".

**Scanning indicator definition**

<table>
<thead>
<tr>
<th>Light of the indicator</th>
<th>Meanings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Green</td>
<td>Good read for the barcodes</td>
</tr>
<tr>
<td>Red</td>
<td>Barcodes reading failed</td>
</tr>
</tbody>
</table>

Backlight for Setting Screen

You can opt to set the backlight according to the needs of environment.

1. Tap **Settings**.
2. Press **Display > Brightness**.
3. Slide bar to adjust backlight brightness.
Backlight for Setting Button

To save battery power, the button’s backlight will be deactivated as default; the user can opt to switch on button’s backlight, that is, press the button when the system is running, and the backlight will be on, so as to save battery power.

1. Tap **Settings**.
2. Press **Display>Button Backlight**.
3. **Activate** or **Deactivate** button backlight

Audio features

EDA60K-0 is equipped with speaker and software utilities for volume setting.

**Adjusting the ringtone volume for calls and messages**

With the volume key on the side of the Handheld Computer, you can quickly adjust the ringtone volume.

**Note:** Volume key can only adjust ringtone volume for calls and messages. To adjust volumes of other sound, open **Settings**, and tap **Sound > Volumes**.
1. Press the blue key at the bottom of Handheld Computer, and ‘a’ will appear in upper-right corner of the screen.

2. Adjust the volume by pressing volume key or slide volume bar. Hold down the volume button or pull the volume indicator to the extreme left to activate vibration mode.

**Enabling vibration mode**

You can set the Handheld Computer to vibration/silence mode in the office. There are two ways to do so.

1. Long press the **Power Key**. Power options will be displayed on the screen:
2. Tap 📣 to enable vibration mode.

* For the other way please see *Adjusting Ring and Message Volume*
Audio settings

This chapter will describe about audio and sound settings. To change audio setting, go to **Settings** and tap Sound.

**Audio and sound settings**

<table>
<thead>
<tr>
<th>Settings</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Volume</td>
<td>Use the volume adjustment bar to set the volume for:</td>
</tr>
<tr>
<td></td>
<td>Music, videos, games and other medias.</td>
</tr>
<tr>
<td></td>
<td>Ringtones for calls and message notifications. They can also be adjusted by</td>
</tr>
<tr>
<td></td>
<td>the volume key on the side of the phone.</td>
</tr>
<tr>
<td></td>
<td>Alarm and alert tones</td>
</tr>
<tr>
<td>Default notification tone</td>
<td>Select one of the notification tones</td>
</tr>
<tr>
<td>Default alarm ringtone</td>
<td>Select one of the alarm ringtones</td>
</tr>
<tr>
<td>Charging tone</td>
<td>If checked, the charging tone will be enabled</td>
</tr>
<tr>
<td>Lock-screen tone</td>
<td>If checked, lock-screen tone will be enabled</td>
</tr>
</tbody>
</table>
Inserting SD card

You can use a SD card to expand the memory or to install softwares. Honeywell recommend the using of Single Level Cell (SLC) graded SD memory card or SDHC memory card in order to achieve optimum performance and durability.

**Note:** format the memory card when you use it for the first time.

1. Turn off the Handheld Computer;
2. Press battery cover latch and button; pull out the battery;
3. Push card sleeve in the arrowhead direction to unlock, and then open card sleeve upward;
4. Insert Micro SD card onto slot;
5. Put back the card sleeve, and push card sleeve in the arrowhead direction to lock;
6. Put in battery, and gently press the battery back, till the cover latch is securely locked;
7. Switch on the device.
Fire transfer

Files can be transferred between the Handheld Computer and a computer by using a USB adapter or standard USB cable. By connecting the Handheld Computer to a computer with a USB cable, you can view the files in the Handheld Computer, or transfer the files to the computer, or transfer files from the computer to the Handheld Computer. If you transfer files with a Mac computer, you need to use Android File Transfer app (it can be download via www.android.com/filetransfer)

The Handheld Computer will use MTP (Media Transfer Protocol) connection as default. If you mainly transfer camera photos, you can use PTP (Picture Transfer Protocol) connection settings. If the computer with Windows system doesn't support MTP, you can use PTP transmission.

Note: EDA60K-0 supports high-speed USB communication (USB2.0), with maximum data transfer rate at 480 Mbps.

1. Connect EDA60K-0 to the computer.
2. Select Media device (MTP) or Camera (PTP) on the EDA60K-0 screen.
3. View the files stored in EDA60K-0. You can copy, delete or transfer the files between EDA60K-X and the computer.

How to view files on EDA60K-0

Users can view the files in EDA60K-0 and its memory card through File Explorer.

Note: Due to system permission issues, some files cannot be opened. Based on your needs, you can select respective apps to open the file.

1. Tap Applications > File Explorer.
2. Tap the folder name or file name to open the file.
EDA60K-0 Accessories

EDA60K-0 Handheld Computer is equipped with original battery and wall charger. All other accessories require separate order and shipment. If necessary, please contact your local sales representatives.

**EDA60K-0 Accessories and Description**

<table>
<thead>
<tr>
<th>Accessories</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDA60K-0 Battery (AB18)</td>
<td>The battery is capable of providing several hours of charge to EDA60K-0. Spare battery packs can be ordered to extend the service time.</td>
</tr>
<tr>
<td>Wall charger</td>
<td>For charging of EDA60K-0 terminal.</td>
</tr>
<tr>
<td>Home Base</td>
<td>Charge EDA60K-0 and its attached battery simultaneously with the Home Base, or charge the battery independently.</td>
</tr>
<tr>
<td>Quad Battery Charger</td>
<td>Use Quad Battery Charger to charge up to four pieces of AB18.</td>
</tr>
<tr>
<td>Wristband</td>
<td>Wristband makes it convenient to carry or take the device.</td>
</tr>
<tr>
<td>Scan Gun Handle</td>
<td>Scan gun handle provides convenient and flexible scanning function, and is easy to load and pick.</td>
</tr>
</tbody>
</table>
2 User Interface and Application

This chapter introduces the Android system user interface, and how to interact with the screen. Users can also learn about a variety of Honeywell applications on the Handheld Computer through this chapter.
User interface

Android 4.4 operating system user interface provides users with a perfect touch and easy navigation experience.

The main interface

After turning on the Handheld Computer and setting up your preferred language, the main interface will be displayed on the screen first.

The main interface description

Status bar

Common Applications
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Status bar</td>
<td>The left side of the status bar displays system messages sent by the application, such as information notifications. The right of the status bar displays the current wireless and network connection status and remaining battery power.</td>
</tr>
<tr>
<td>Common applications</td>
<td>The applications on this bar will be displayed on the main interface. <strong>All Applications</strong> option is in the middle of the common application bar.</td>
</tr>
</tbody>
</table>
# Status bar icons

Status and notification icons display the current network connections, power, notifications and sound settings. Please refer the following table for detailed status bar icons:

**Status and notification icons:**

<table>
<thead>
<tr>
<th>Icons</th>
<th>Description</th>
<th>Icons</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>📅</td>
<td>Incomplete calendar events</td>
<td>🎧</td>
<td>Sound is disabled</td>
</tr>
<tr>
<td>⏰</td>
<td>Not ringing alarm clock; alarm clock set</td>
<td>📅</td>
<td>Vibration mode has been enabled</td>
</tr>
<tr>
<td>📩</td>
<td>New text message or multimedia information</td>
<td>🌋</td>
<td>Battery power is 100% full</td>
</tr>
<tr>
<td>⚠️</td>
<td>Text messages or multimedia information transmission failed</td>
<td>🌋</td>
<td>Being in charge with external power supply</td>
</tr>
<tr>
<td>💌</td>
<td>New mails</td>
<td>📦</td>
<td>Airplane mode is enabled</td>
</tr>
<tr>
<td>📲</td>
<td>The Handheld Computer is connected to the computer via USB cable</td>
<td>📲</td>
<td>EDA60K-0 is syncing with Bluetooth-enabled device</td>
</tr>
<tr>
<td>🔧</td>
<td>ABD has been enabled (USB troubleshooting has been enabled)</td>
<td>📲</td>
<td>Bluetooth has been enabled</td>
</tr>
<tr>
<td>🔍</td>
<td>Data Sync</td>
<td>🌋</td>
<td>Wi-Fi signal is adequate</td>
</tr>
<tr>
<td>🔇</td>
<td>Sync or account logon failed</td>
<td>🌋</td>
<td>Wi-Fi is connected, but with no signal</td>
</tr>
<tr>
<td>📡</td>
<td>Memory card is full</td>
<td>📡</td>
<td>Network connected</td>
</tr>
</tbody>
</table>

# Key mapping

The user can change left and right scanning buttons, as well as P1, PS default functions.
1. Tap **All Applications > Settings > Key Remap**.
2. Touch the keys you want to redefine.
3. Tap **KEYS** or **APPs** to view options.
4. Select the required functions for the key. The new functions selected will be displayed under the name of the key.
**Viewing system messages**

Users can view EDA60K-0's system messages in the notification page.

- Open the notification page: swipe down from the top of the screen.
- Close the notification page: swipe up from the bottom of the screen or tap **Return** key or **Home** key.

**Managing system messages**

When the applications send system messages to EDA60-K, users can manage them quickly.

1. When the system message icon appears, swipe down the screen.
2. To manage the system message, touch it. The respective application will be opened for users to manage it.
   - Swipe the system message to the side to clear it.
   - Tap the icon on the top right of the screen to clear all system messages.
Personalizing the main interface

You can add application icons to either one of the main interface to open these applications more quickly.

1. Tap 🔄 to display all applications.
2. To move the application icon to the main interface: long press the icons to be added to the main interface, then slide your finger to place it on either one of the main interface.

   To move the widget icon to the main interface: touch the widget on the top of the screen, long press the widget icon, then slide your finger to place the control icon on either one of the main interface.

3. To remove the applications or widgets from the main interface: long press the icons and slide to X Delete on the top of the interface.

Customizing common applications

User can add applications to the common application bar to open these applications more quickly.

1. Tap 🔄 to display all applications.
2. Long press the icons in the common application bar and slide it to the X Delete on the top of the interface.
3. To add application icon to the common application bar: long press the application to be added, and slide your finger to place the icon on the common application bar.

   To add the widget to the common application bar: touch the widget on the top of All Application Interface, long press the widget icon to be added, then slide your finger to place the icon on the common application bar.

Touch screen gestures

User your finger can operate applications, menus, on-screen keyboard and other functions on the interface.

• Tap a function or application to select or start it.
• To enter a name or password, touch the place to enter and on-screen keyboard will appear for input.

Other touch screen gestures include:
• Long press: press an icon and hold until the system reacts.
• Drag: Press an icon, and then move your finger across the screen to the destination. For example, with dragging method, you can rearrange some shortcuts on the main interface.
• Swipe or slide: Quickly move your finger on the screen and keep your finger touching on the screen. For example, users can swipe the home screen to the left or right to view other home screens.
• Double-click: Tap twice rapidly in a row on the map or other interface to enlarge it. Double-click again to return to the original size.
• Kneading: In some applications, subjects can be zoomed out by kneeling two fingers on the screen, or zooming in by expanding two fingers.

Setting timezones

EDA60K-0 can automatically sync the time and date according to the network. Users can also set timezones for their regions manually.

1. Open Settings.
2. Tap Date & Time.
3. Uncheck timezone automation.
4. Tap Selecting Timezones and tap the timezone for your region.
Honeywell applications

Honeywell helps users troubleshoot and connect the Handheld Computer to other devices and networks. Tap All Applications > Power Tools to show the applications below. For more details, please visit www.honeywellaidc.com.

EDA60K-0 software applications available, including but not limited to the following functions

<table>
<thead>
<tr>
<th>Icons</th>
<th>Applications</th>
<th>Descriptions</th>
</tr>
</thead>
<tbody>
<tr>
<td>🏷️</td>
<td>Demo</td>
<td>Demo and more included, allows testing and using functions like scanning.</td>
</tr>
<tr>
<td>🛠️</td>
<td>ConfigApps</td>
<td>Prohibit/use and uninstallation of applications</td>
</tr>
<tr>
<td>⚙️</td>
<td>Configure Autorun</td>
<td>Autorun application when the device is being activated</td>
</tr>
<tr>
<td>📌</td>
<td>Backup</td>
<td>Backup and restore user data and settings</td>
</tr>
<tr>
<td>📌</td>
<td>BattMon</td>
<td>Monitors battery-charging status</td>
</tr>
<tr>
<td>📈</td>
<td>Diagnostic Information</td>
<td>Check equipment information, Honeywell applications, radio</td>
</tr>
<tr>
<td>📈</td>
<td>Information</td>
<td>frequency information, RAM and scanner</td>
</tr>
<tr>
<td>📙</td>
<td>EZConfig</td>
<td>Configure equipment and applications through barcode and configuration documents</td>
</tr>
<tr>
<td>📙</td>
<td>EZConfig Editor</td>
<td>Check and edit configuration documents and update settings</td>
</tr>
<tr>
<td>🎬</td>
<td>Auto Install Settings</td>
<td>This application can automatically identify and install</td>
</tr>
<tr>
<td>🎬</td>
<td></td>
<td>installation packages and APK files.</td>
</tr>
<tr>
<td>📧</td>
<td>Wi-Fi Radio Setting</td>
<td>This application is configured with Wi-Fi country code and communication</td>
</tr>
<tr>
<td>📧</td>
<td></td>
<td>channel, and can display signal intensity and configure Log.</td>
</tr>
</tbody>
</table>

User Guide for ScanPal EDA60K-0 Handheld Computer
Wi-Fi Information

This application can show the neighbouring Wi-Fi AP information, including SSID, MAC and encryption protocol.

Download Enterprise Application Lock (Applock)

Applock is an Android application which allows you to configure the apps that may or may not be allowed. The User Guide and installation procedure for Applock may be downloaded via: www.honeywellaidc.com.

Unlocking developer options

If you are a developer for EDA60K-0, you can easily unlock developer options. Developer options can help you test and troubleshoot during the process of developing EDA60K-0. After developer options is unlocked, the system menu will present developer option connections.

1. Tap Settings.
2. Tap About the Phone.
3. Click the Build number 7 times and notification as ‘You are now in developer mode’ will appear.
3 Scanning Function

This chapter describes how to scan barcodes and set scan functions.
Scan Function

Integrated scanner enables reading for 1D and 2D barcode\(^1\), composite code and postcode. It supports comprehensive, highly flexible scanning in real applications. Imaging Engine can capture black and white images, such as signatures and damaged inventory lists.

*Note 1: EDA60K-0 has N4313 and N5603 versions with different OCR functions due to different configurations.*

How to transfer data via Android keyboard input

Scan wedge feature enables transferring scanned barcode data to active applications via Android keyboard input. Scan wedge function is enabled by default on EDA60K-0. Users can use applications that can accept scan wedge function through scanners or applications. If an application obtains scan function through Barcode Reader API, the scan wedge function will be temporarily disabled.

Users can build customized applications in Software Development Kit (SDK) for ScanPal EDA60K-0. Please download SDK at: [www.honeywellaidc.com](http://www.honeywellaidc.com).

Processing and settings for scanned data

<table>
<thead>
<tr>
<th>Processing steps</th>
<th>Respective scan settings</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decode barcodes</td>
<td>Symbology settings</td>
</tr>
<tr>
<td>Parsing the barcode as ISO8859-1</td>
<td>Symbology settings</td>
</tr>
<tr>
<td>Special barcodes detected activate special actions, rather than performing the normal operations.</td>
<td>Data processing settings</td>
</tr>
<tr>
<td></td>
<td>Start your browser</td>
</tr>
<tr>
<td></td>
<td>Scan to Internet</td>
</tr>
<tr>
<td></td>
<td>EZConfig enabled</td>
</tr>
<tr>
<td>Converted to the selected character set</td>
<td>Data settings</td>
</tr>
<tr>
<td></td>
<td>Character set</td>
</tr>
</tbody>
</table>
Add a prefix and suffix to make the data string in
the following order:

- Prefix
- Sign prefix
- Barcode data
- Suffix

Parsing the replacement for prefix and suffix string

<table>
<thead>
<tr>
<th>Activate Total Freedom plug-in</th>
<th>Data processing settings</th>
<th>Data editing plugin</th>
</tr>
</thead>
<tbody>
<tr>
<td>Input the final data as Android Key Events</td>
<td>Data processing settings</td>
<td>wedge</td>
</tr>
</tbody>
</table>

Prefix and suffix will be replaced within the string value.

**Prefix and suffix parsing**

<table>
<thead>
<tr>
<th>Substring</th>
<th>Replacement character code</th>
<th>Wedge in form of KeyEvent</th>
</tr>
</thead>
<tbody>
<tr>
<td>\r</td>
<td>13</td>
<td>No</td>
</tr>
<tr>
<td>\n</td>
<td>10</td>
<td>Yes</td>
</tr>
<tr>
<td>\t</td>
<td>9</td>
<td>Yes</td>
</tr>
<tr>
<td>&quot;</td>
<td>&quot;&quot;</td>
<td>No</td>
</tr>
</tbody>
</table>

**Changing scan settings**

Changes made the default file apply for all non-document applications.

1. Tap **Settings**.
2. Tap **Scanning**.
3. Tap **Default**.
5. Modify the setting to meet application needs.
Restoring default scan settings

Users can easily cancel all the changes made to the default folder and restore the factory defaults.

**Note:** Restore factory defaults for a certain setting, all the settings under this folder will be restored to factory defaults.

1. Tap the icon on the upright of any Scan Settings interface.
2. Tap the **Restore all defaults**.

Scanner default settings

Study the following table to learn about Data Processing Settings, Symbology Settings, Decode Settings, Imager Settings, and Trigger Settings and Notification Settings.

**Data processing settings**

Use data processing settings to set the barcode data processing patterns for EDA60K-0.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Description</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Wedge</strong></td>
<td>Enable or disable the transferring of barcode data as Android Events when sending data to the application.</td>
<td>Enabled</td>
</tr>
<tr>
<td><strong>Character set</strong></td>
<td>Explain the selected character set when the barcode is a character, options including:</td>
<td>ISO-8859-1</td>
</tr>
<tr>
<td></td>
<td>• ISO-8859-1</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• US-ASCII</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• UTF-16</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• UTF-16BE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• UTF-16LE</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• UTF-8</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The related BarCodeReader attributes:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>PROPERTY_DATA_PROCESSOR_CHARSET</td>
<td></td>
</tr>
<tr>
<td><strong>Prefix</strong></td>
<td>Define the character to be added in front of the decoding barcodes</td>
<td><strong>No</strong></td>
</tr>
<tr>
<td>------------------</td>
<td>-------------------------------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td><strong>Suffix</strong></td>
<td>Define the character to be added at the end of the decoding barcodes</td>
<td><strong>No</strong></td>
</tr>
<tr>
<td><strong>Data editing plugin</strong></td>
<td>Specify a free plug-in for data editing</td>
<td><strong>No</strong></td>
</tr>
<tr>
<td><strong>Character prefix</strong></td>
<td>Specify a character prefix to decode the barcode data</td>
<td><strong>No</strong></td>
</tr>
<tr>
<td></td>
<td>• None</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Honeywell</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• AIM</td>
<td></td>
</tr>
<tr>
<td><strong>Start your browser</strong></td>
<td>To open or close URL barcode, if the barcode start with http:// or https://, the browser will open the respective URL</td>
<td><strong>Enabled</strong></td>
</tr>
<tr>
<td></td>
<td>The related BarCodeReader attributes: PROPERTY_DATA_PROCESSOR_LAUNCH-BROWSER</td>
<td></td>
</tr>
<tr>
<td><strong>Scan Intent</strong></td>
<td>Enable or disable scan processing for specified targets. Apply the barcode as the following format</td>
<td><strong>Enabled</strong></td>
</tr>
<tr>
<td></td>
<td>‘//’ ACTION</td>
<td></td>
</tr>
<tr>
<td></td>
<td>‘//’ intent-suffix ‘$’ extra-data Where:</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Additional operations and data include the following characters, to enable Intent or respective applications</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intent action: “com.honeywell.scantointent.intent.action.” + ACTION</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Intent extra “com.honeywell.scantointent.intent.extra.DATA” contains the remainder of the bar code data after the first ‘$’ character.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>The related BarCodeReader attributes: PROPERTY_DATA_PROCESSOR_SCAN_TO_INTENT</td>
<td></td>
</tr>
</tbody>
</table>
Enable or disable specifying EZ Config operations to barcode. Adopt Aztec code and include specified header data.

The related BarCodeReader attributes:

PROPERTY_DATA_PROCESSOR_LAUNCH_EZ_CONFIG

### Symbology settings

Enable or disable a barcode symbology with Symbology Settings. Tap on a symbol to view and modify the configuration parameters of the symbol.

<table>
<thead>
<tr>
<th>Settings</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Code 128</td>
<td>Enabled</td>
</tr>
<tr>
<td>GS1-128</td>
<td>Enabled</td>
</tr>
<tr>
<td>Code 39</td>
<td>Enabled</td>
</tr>
<tr>
<td>Datamatrix</td>
<td>Enabled</td>
</tr>
<tr>
<td>UPC-A</td>
<td>Enabled</td>
</tr>
<tr>
<td>UPC-E</td>
<td>Disabled</td>
</tr>
<tr>
<td>EAN-8</td>
<td>Disabled</td>
</tr>
<tr>
<td>EAN-13</td>
<td>Enabled</td>
</tr>
<tr>
<td>Aztec</td>
<td>Enabled</td>
</tr>
<tr>
<td>China Post</td>
<td>Disabled</td>
</tr>
<tr>
<td>Codabar</td>
<td>Enabled</td>
</tr>
<tr>
<td>Codablock A</td>
<td>Disabled</td>
</tr>
<tr>
<td>Code Block</td>
<td>Status</td>
</tr>
<tr>
<td>------------------</td>
<td>----------</td>
</tr>
<tr>
<td>Codablock F</td>
<td>Disabled</td>
</tr>
<tr>
<td>Code 11</td>
<td>Disabled</td>
</tr>
<tr>
<td>Code 93</td>
<td>Disabled</td>
</tr>
<tr>
<td>Composite</td>
<td>Disabled</td>
</tr>
<tr>
<td>Han Xin</td>
<td>Disabled</td>
</tr>
<tr>
<td>IATA 2 of 5</td>
<td>Disabled</td>
</tr>
<tr>
<td>Interleaved 2 of 5</td>
<td>Enabled</td>
</tr>
<tr>
<td>Korean Post</td>
<td>Disabled</td>
</tr>
<tr>
<td>Matrix 2 of 5</td>
<td>Disabled</td>
</tr>
<tr>
<td>Maxicode</td>
<td>Disabled</td>
</tr>
<tr>
<td>Micro PDF 417</td>
<td>Disabled</td>
</tr>
<tr>
<td>MSI</td>
<td>Disabled</td>
</tr>
<tr>
<td>PDF 417</td>
<td>Disabled</td>
</tr>
<tr>
<td>QR Code</td>
<td>Disabled</td>
</tr>
<tr>
<td>RSS (GS1)</td>
<td>Disabled</td>
</tr>
<tr>
<td>Standard 2 of 5</td>
<td>Disabled</td>
</tr>
<tr>
<td>Telepen</td>
<td>Disabled</td>
</tr>
<tr>
<td>TLC 39</td>
<td>Disabled</td>
</tr>
<tr>
<td>Trioptic</td>
<td>Disabled</td>
</tr>
<tr>
<td>2D Postal Settings</td>
<td>Disabled</td>
</tr>
<tr>
<td>OCR</td>
<td>Disabled</td>
</tr>
</tbody>
</table>
Image settings

There should be no need for users to change image color rendering. **Covering the recommended value** is disabled by default. Recommended image settings can be applied in many environments; only the users who have more in-depth understanding on the image can change the settings.

Trigger settings

Trigger settings can set up the using patterns for scan key.

Trigger settings

<table>
<thead>
<tr>
<th>Settings</th>
<th>Description</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Decoding timeout</td>
<td>If the scan trigger is held down but decoding is not successfully performed, Scanning will automatically shut down after 20 seconds</td>
<td>20</td>
</tr>
</tbody>
</table>
### Notification settings

You can set up the responses during scanning process for EDA60K-0 in the notification settings.

#### Notification settings

<table>
<thead>
<tr>
<th>Settings</th>
<th>Description</th>
<th>Default</th>
</tr>
</thead>
<tbody>
<tr>
<td>Good Read Notification</td>
<td>Enable or disable Good Read Notification. Notification includes green indicator, short beep and optional short vibration</td>
<td>Enabled</td>
</tr>
<tr>
<td>Bad Read Notification</td>
<td>Enable or disable Fail to Read notification. Notification includes red indicator, failure beep and optional short vibration</td>
<td>Disabled</td>
</tr>
<tr>
<td>Vibrate Enabled</td>
<td>Regardless of succeeding or failing to read, turn on or off the phone vibrations</td>
<td>Disabled</td>
</tr>
</tbody>
</table>
Scanning barcodes

Scan engine will emit scanning beams for accurate barcode aiming. It will also support a full range of 360° scanning, which will make barcode scanning more convenient.

Note: Before scanning a barcode, you only need to enable the desired barcode symbology in the settings.

1. Tap Applications > Demos > ScanDemo.
2. Align the scanning window with the barcode and stably place the Handheld Computer a few inches away from the barcode.
3. Press one of the scan keys or tap Scan on the interface. Make sure the entire barcode is within the scanning beam range.

When the scanning is successfully completed, you will hear a ‘beep’ sound, and the Good Read LED will open immediately.
4 Keyboard and Input

This Chapter deals with keyboard layout of EDA60K-0, the respective functional keyboards and input application. A user can input text, numerals and special characters using the keyboard.

Keyboard Layout

In addition to side button, EDA60K-0 is also equipped with 30-letter keyboard at the bottom of its screen. They are power, direction, scan, numeric/alphabet and function buttons.

<table>
<thead>
<tr>
<th>Function</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Power ON</td>
<td>Hold down to activate or deactivate the device; press to lock and unlock</td>
</tr>
<tr>
<td>Scan</td>
<td>This offers scan function; users can also press it to unlock the screen</td>
</tr>
<tr>
<td>Direction</td>
<td>This button enables the cursor to be moved in four directions: up, down, left and right</td>
</tr>
<tr>
<td>PrintScreen Function</td>
<td>Press Power On and Direction keys simultaneously (Volume key -)</td>
</tr>
<tr>
<td>Numerals/alphabets</td>
<td>Switching between numerals and alphabets can be made using the blue button</td>
</tr>
<tr>
<td>Key</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>aA</td>
<td>Shift/Caps button. When the Numerals/Alphabet button is in numerals mode, pressing the button will enable it to enter Shift function under which 'symbols' can be entered. When it is in alphabet mode, pressing it once will allow alphabets to be entered in capital letters; press it once again to switch to normal letters.</td>
</tr>
<tr>
<td>ENT</td>
<td>Press this to confirm</td>
</tr>
<tr>
<td>DEL</td>
<td>Press this to delete individual character</td>
</tr>
<tr>
<td>Tab</td>
<td>Press this to switch menu</td>
</tr>
<tr>
<td>P1, P2, P3, P4</td>
<td>Soft key allows revision of mapping function. Under default status for mapping press P1 to switch WIFI settings, press P2 to switching Bluetooth settings, press P3 to decrease screen brightness and press P4 to increase screen brightness.</td>
</tr>
<tr>
<td>Switch Function Key</td>
<td>These are respectively buttons for switching numerals/alphabets and functions (Fn). The blue button is for alphabet output, while the red button corresponds to function output.</td>
</tr>
</tbody>
</table>

**Special character input**

Under the numerals input mode, use blue button to switch to the special character input mode.

123456789-0. correspond to the special characters !@#$%^&*(_)> respectively
Using Input Mode

EDA60K-0 supports its integrated input mode (Google AOSP) as well as third-party input mode (users have to make sure they have authority to install third-party input modes).

For input of Chinese and English characters, the ‘0’ (spacing) button enables selection of characters.

Different input modes have different context for words entered. Please refer to the instructions for the respective input modes.
5 Configuring Handheld Computer

This chapter introduces configuration of EDA60K-0. The users can also learn how to configure network, communication and wireless security.
Handheld Computer configurations

Users can configure many parameters for the Handheld Computer, such as barcode symbologies to be decoded or network settings. These parameters set by the user decide how the Handheld Computer works.

Users can configure the Handheld Computer in Application Settings.

Setting launch applications

Set the applications using the application menu.

Tap Applications > Settings

Structure of the Application Settings

This chapter introduces the structure of Application Settings to make it easier for users to quickly locate respective specifications.
## Wireless & networks

<table>
<thead>
<tr>
<th>Settings</th>
<th>Introductions</th>
</tr>
</thead>
<tbody>
<tr>
<td>WLAN</td>
<td>To enable or disable Wi-Fi radios. When Wi-Fi is enabled, available Wi-Fi networks can be viewed by tapping this bar.</td>
</tr>
<tr>
<td>Bluetooth</td>
<td>To enable or disable Bluetooth radios. When Bluetooth connection is enabled, Bluetooth-enabled devices within the range can be viewed by tapping this bar.</td>
</tr>
<tr>
<td>More…</td>
<td>Airplane mode: to enable or disable Airplane Mode. VPN: to set the password for accessing virtual private network (VPN).</td>
</tr>
</tbody>
</table>

## Device

<table>
<thead>
<tr>
<th>Settings</th>
<th>Introductions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sound</td>
<td>Set sound for calls and notifications, including the tone and volume.</td>
</tr>
<tr>
<td>Display</td>
<td>Set screen brightness, wallpaper, screen timeout, font size and screen rotation.</td>
</tr>
<tr>
<td>Memory</td>
<td>Shows the remaining memory space.</td>
</tr>
<tr>
<td>Battery</td>
<td>Shows battery usage data and the current battery status.</td>
</tr>
<tr>
<td>Applications</td>
<td>Shows applications downloaded and on the run.</td>
</tr>
</tbody>
</table>

## Personalization

<table>
<thead>
<tr>
<th>Settings</th>
<th>Introductions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Account</td>
<td>To set email account.</td>
</tr>
<tr>
<td>Security</td>
<td>To set screen lock and administration privileges, including application installation and data storage security.</td>
</tr>
<tr>
<td>Language and Input</td>
<td>Select the current language and the default keyboard. Set automatic input function, such as: capitalization and punctuation. Set the cursor speed for external mouse or touch screen.</td>
</tr>
<tr>
<td>-------------------</td>
<td>--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Backup and Reset</td>
<td>Factory Data Reset.</td>
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## HONEYWELL Settings

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## System

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<td>About the phone</td>
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</table>
Network communication

Users can connect the Handheld Computer to wireless and wired networks. Users can get the Handheld Computer connected via the following ways:

- 802.11 radios
- Bluetooth
- USB

Connecting to Wi-Fi networks

When communicating through wireless networks, ScanPal EDA60K-0 transfer data through 802.11 radios. Before connecting to a Wi-Fi network, users need to know the Security Protocol of the network and the certificates it required. Usually, 802.11 radio is disabled by default.

1. Enter Settings, slide the WLAN switch to enable it.
2. When the WLAN switch turns blue, tapping the WLAN bar will display the detected network list.
3. To quickly connect to a network via WLAN Protected Access (WPS), tap 🔄. To search the network outside of the list, tap 🔄 and enter the network name.

4. Tap on a network name to view its details.

If the network is secure, a form will pop up asking you to fill in the necessary information (for example: certificate name, password or other credentials). To connect to a secure network, enter the required information, and then tap Connect.

- To leave the network that has been connected, tap Forget. For example, users can choose to forget a network that they won't use again.
- To close the network information screen, tap Cancel.

**Configuring Wi-Fi network proxy servers**

If users need to connect to network resources through a proxy server, they need to configure a proxy server for each Wi-Fi network added. By default, none of the Wi-Fi networks added by users has done proxy server settings.
Note: Proxy server settings only apply to the Wi-Fi networks that users modified. Users have to set proxy servers for each network that requires the using of proxy server.

1. Enter Application Settings screen, tap Wi-Fi to show available Wi-Fi networks.

2. Long press the network name, then tap Modify the Network, then a network setting list will pop up.

3. Choose Show Advanced Options at the bottom of the network setting list.

4. If the network does not have proxy server settings, tap None on the proxy server setting list, and then tap Manual Settings.

5. Enter the network proxy server settings.

6. Tap Save.

**Disable Wi-Fi notifications**

Wi-Fi is enabled by default. Users will receive notifications in the Status Bar when the Handheld Computer finds wireless networks. Users can disable these notifications.

1. Enter Application Settings screen.

2. Tap WLAN bar.

3. Tap the Settings icon on the bottom right.

4. Tap Advanced to display Wi-Fi Advanced Menu.

5. Uncheck the network notification to disable Wi-Fi Notifications.
Connecting to a virtual private network

The Handheld Computer supports connection to virtual private networks (VPNs). This section describes how to add and connect to VPNs. To configure a VPN, users must consult your network administrator. Users can view and change VPN settings in the Application Settings.

Note: Before accessing VPNs, users need to set a lock screen password.

Add VPNs

Before connecting to a VPN, users must first add the relevant information of the VPN.

1. Enter Application Settings screen.
2. Tap More under Wireless and Networks.
3. Tap VPN.
4. Tap Adding +.
5. Input the VPN information.
6. Tap Save, and VPN name will be displayed in the list.

Connect to VPN

1. Enter Application Settings screen.
2. Tap More under Wireless and Networks.
3. Tap VPN.
4. Tap the VPN name in the list, and enter the certificate information based on the tips.
5. Tap Connect. The Handheld Computer gets connected to the VPN, and the status icons and notification will be displayed. To disconnect from the VPN, tap the notification.

Edit VPN information

1. Enter Application Settings screen.
2. Tap More under Wireless and Network.
3. Tap VPN.
4. Long press the name of the VPN to be edited and select Editing Networks from the list.
5. Edit VPN information based on your needs.
6. After editing, tap Save.

Wireless Security

The Handheld Computer provides the following security solutions for users’ wireless network.

- WPA2™
- WPA
- 802.1x
- WEP

Before setting up security program, you must first enable the radio and set the date and SSID on the Handheld Computer. To use 802.1x program, users must download a root certificate to the Handheld Computer. To use Transport Layer Security protocol (TLS) together with 802.1x, users also need to download a user certificate first.

View and configure all of the wireless security settings in the Application Settings screen.

Certificates

Users can use digital certificates to identify the Handheld Computer’s network access or server validation. To identify the device with certificates, users must first install the device to the trusted certification store on the Handheld Computer.

Android supports DER encoded X.509 certificate stored in the documents with .crt or .cer extension. Install a valid DER-format certificate. Android also supports X.509 certificate stored in PKCS #12 key store file with p12 or .pfx extension. To install a valid key storage file with other extensions at the end, users must change the extension to .p12 or .pfx first. If users installed a certificate from the PKCS #12 key store file, Android will also install the private key certificate or a certificate authority that came with it.

Download certificates

To use the certificate, users must first install the certificate to the trusted certification store on the Handheld Computer.

Note: Some applications that support certificates, such as email and browsers, allow users to install the certificate directly from the...
application. For more information, please refer to the Help Documentation in the application.

1. Copy the certificate or key storage from computer to the SD card.

2. Install the SD card in the Handheld Computer and turn on the Handheld Computer.

3. Enter Application Settings, tap **Safety > Install From SD Card**.

4. Tap the name of the certificate or key storage to install. Following the tips to enter the password of the key storage, then tap **OK**.

5. Enter the certificate name and tap **OK**.

**Disable or delete certificates**

If the certificate is a stolen one or the organization selected by the user does not trust the certificate, the user can disable or delete the certificate.

1. Enter Application Settings, tap **Safety > Trusted Credentials**. There are two tabs in the Trusted Certificate screen:
   - System tab displays CA certificates installed in ROM.
   - User tab displays CA certificates installed by users.

2. Tap the certificate name to disable or delete it, and the certificate details screen will pop up.

3. Slide the screen down to the bottom, tap **Disable** (system certificates) or **delete** (user certificates).

   If necessary, users can enable the disabled system certificate here. For deleted user certificates, users must reinstall it to enable it again.

4. Tap **OK**.
Bluetooth communication

EDA60K-0 supports Bluetooth communication, allowing users to get connected with other Bluetooth-enabled devices.

Before searching for and connecting to other Bluetooth-enabled devices, users must enable the Bluetooth radio. By default, Bluetooth radio is disabled.

Bluetooth radio can be restored to its current state by system resetting. If users have reset the system data, they must re-establish the paired devices. Bluetooth status is displayed on the System Icon bar.

Pairing with a Bluetooth-enabled device

To connect to a Bluetooth-enabled device, users should enable Bluetooth radio first and then choose the device from the detected device list.

1. Enter Application Settings screen.
2. If Bluetooth switch is off, slide it on.
3. Tap Bluetooth to display available Bluetooth-enabled device list.

![Bluetooth Settings](image-url)
4. (Optional) If the desired device is not listed, please check if the Bluetooth of that device has been enabled and is detectable, and then tap **Scan Device**.

5. Select the device to pair with. After Pairing Dialog Box is displayed, enter the device PIN code, and tap **OK**. When the device and the Handheld Computers have been successfully paired, the device name will appear in the list of paired devices at the top.

6. To disconnect with the paired device, tap the Quick Setting icon beside the device name, and then tap **Cancel Pairing**.
Configuring Bluetooth settings

Users can configure for Bluetooth in Application Settings.

1. Enter Application Settings screen, and tap Bluetooth.

2. Tap Menu icon to select one for setting:
   - Tap Rename phone to change the name of the Handheld Computer. Enter a new name and then tap Rename.
   - Tap Visibility timeout to set the timeout duration for the Handheld Computer to be detectable, which is 2mins by default. Users can set it up as 5mins, 1hour or Never timeout. The shorter of the duration, the more power it could save.
   - Tap Show received files to view data in the received files.

Renaming or disconnecting a paired device

Users can rename or disconnect a paired Bluetooth-enabled device in the Application Settings.

1. Enter Application Settings screen, and tap Bluetooth.

2. Tap Settings icon in the Paired List.

3. To rename the device, tap Rename, enter a new name and click OK.
   To disconnect with this device, tap Cancel Pairing.

Communication via serial port and USB

By communication via serial port and USB, users can transfer data to other devices or receive data from other devices with the following accessories.

- USB cable
- RS-232 cable

For more information about accessories, please contact local resellers.
Management and Maintenance

This chapter introduces how to upgrade software, reset Handheld Computer and maintain EDA60K-0.
Upgrading system software

The other system softwares of EDA60K-0 can be upgraded by downloading ".zip" files from the Technical Support Website. Website: www.hsmcontactsupport.com or www.honeywellaidc.com.

Upgrading AutoInstall application

1. Copy the upgrade file "EDA60K_OTA_xxxxx_Update.zip" to the following EDA60K-0's system folder:
   - File Explorer\External Memory Card\honeywell\autoinstall
   - IPSM\honeywell\autoinstall
2. Tap All Applications > AutoInstall Settings.
3. Choose Packages update, and ScanPal EDA60K-0 will restart and install the upgrade file.

Manually upgrading Recovery Menu

1. Copy the file "EDA60K_OTA_xxxxx_Update.zip" to the root directory of the T card.
2. Turn off the Handheld Computer, press and hold the "Power Key" + "Volume+" key for about 15s, then the phone will enter Recovery Menu.
3. Press "Volume-", and select "Apply update from SD card". Press "Power Key", select the zip file just copied, then press and hold the "Power Key".
4. After the upgrading is completed, it will automatically move to Reboot System Now Menu. Please press the "Power Key" to restart the Handheld Computer.
Restarting the Handheld Computer

If the Handheld Computer or an application is locked or doesn't respond when pressing the power key, you need to restart the Handheld Computer.

When restarting, the Handheld Computer will use the current configuration saved in the flash memory. Try the following ways to restart the Handheld Computer:

- **Restarting the system**: Restarts the Handheld Computer’s operating system
- **Restarting hardware**: If there is no response after pressing the power button, hold it down for 13 seconds to force restart of the device
- **Restore default settings**: Clears all data in the Handheld Computer including all applications, data and files except built-in files or data in the movable storage device

**Restarting the system**

When an application is not responding, you may need to restart the Handheld Computer to resolve the issue.

1. Save the file and close the application that has been opened already.
2. Press and hold ‘Power Key' till the following interface displays:
3. Tap **Power Off**.
4. Tap **OK** when message ‘EDA60K-0 will shut down’ pops up.
5. Press down ‘Power Key’ to restart EDA60K-0.

**Restart factory settings**

If the Handheld Computer appears to be locked, try to cold boot. If resetting is invalid, try to restore factory settings, restart the Handheld Computer to make it work again and do troubleshooting later.

**Warning:** This action will clear all data in the Handheld Computer, including all applications and data, but excluding data stored in flash memory or external storage device.

1. Tap **All Applications > Settings**.
2. Tap **Backup & Reset**.
3. Tap **Restore Factory Settings**.
4. Tap **Reset the Phone**.
5. EDA60K-0 will restart and automatically clear user data.
# Specifications

## Physical and Environment Specifications

This chapter provides the physical and environment specifications of EDA60K-0.

### Product Outline Dimensions

<table>
<thead>
<tr>
<th>Length</th>
<th>215.5mm</th>
</tr>
</thead>
<tbody>
<tr>
<td>Width</td>
<td>78.5 mm</td>
</tr>
<tr>
<td>Thickness</td>
<td>28 mm</td>
</tr>
<tr>
<td>Weight (with battery)</td>
<td>415 g (with battery)</td>
</tr>
</tbody>
</table>

### Tumble and drop standards

<table>
<thead>
<tr>
<th>Tumble</th>
<th>200 tumbles within 0.5m</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drop</td>
<td>Multiple 1.2m drops to concrete at room temperature</td>
</tr>
</tbody>
</table>

### Power and electrical specifications

<table>
<thead>
<tr>
<th>Battery</th>
<th>Rechargeable Li-ion battery, 3.7V, 5100 mAh</th>
</tr>
</thead>
<tbody>
<tr>
<td>Charging power</td>
<td>5 V, 2 A</td>
</tr>
</tbody>
</table>

### Temperature and humidity specifications

<table>
<thead>
<tr>
<th>Operating temperature</th>
<th>-10 °C ~ 50 °C (14 °F ~ 122 °F)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Storage temperature</td>
<td>-20 °C ~ 60 °C (-4 °F ~ 140 °F)</td>
</tr>
<tr>
<td>Relative humidity (during operation)</td>
<td>10%-90% condensate-free</td>
</tr>
</tbody>
</table>
Environmental sealing | IP64

### Display specifications

4.0-inch color LCD/WVGA pixel/full-perspective/capacitive touch screen

### Language Support

Not limited to WW English, French, German, Italian, Spanish, Simplified Chinese and Traditional Chinese.

### Symbolgories support

The following symbologies are supported:

**1D codes:**
- Codabar
- Code 3 of 9
- Code 11
- Code 32
- Code 93
- Code 128
- EAN-8
- EAN-13
- GS1-128
- Korea Post
- IATA 2 of 5
- Industrial 2 of 5
- Interleaved 2 of 5
- ISBN
- ISBT 128
- Matrix 2 of 5
- MSI Plessey
- EAN.RCC (RSS-14)
- RSS Limited
- RSS Expanded
• Telepen
• Trioptic Code
• UPC-A
• UPC-E

**Postcode**
• Australia postcode
• Canada postcode
• Netherlands Postal Codes (KIX)
• Japan postcode
• UK Postal code
• Planet Code
• Postnet
• UsIntelligent
• Info mail
• UPU(ID-tag)
Scan Depth of Field (DOF)

DOF performance of the product was measured under the following conditions:

- DOF is the distance from the top of scan engine to the barcode
- 23 °C (73 °F), 0 ~ 10K lux
- Clear, high quality barcodes

Note: If the barcode is not aligned well with the scan engine, reading time and depth of field (DOF) will be affected and the device performance will be decreased.

Note1: EDA60K-0 has N4313 and N5603 versions with different OCR functions due to different configurations. The following table shows the data of N4313. Different engine DOFs are significantly different, and shall be subject to actual measurement data.

<table>
<thead>
<tr>
<th></th>
<th>Short (in/cm)</th>
<th>Long (in/cm)</th>
<th>Increments (in/cm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5mil code39/128</td>
<td>3.7 (9.4)</td>
<td>7.1 (18.1)</td>
<td>3.4 (8.7)</td>
</tr>
<tr>
<td>13mil UPC-A</td>
<td>2.0 (5.2)</td>
<td>16.2 (41.1)</td>
<td>14.2 (36.1)</td>
</tr>
<tr>
<td>40mil Code39</td>
<td>3.7 (9.3)</td>
<td>27.6 (70.0)</td>
<td>23.7 (60.7)</td>
</tr>
</tbody>
</table>