

Winmate E430RM2 Series PDA User Guide

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Contents

Chapter 1: Safety Information

Exposure to Radio Use	3
RF Exposure Information	3
Battery Safety Information	4
Electrostatic Discharge	4
Driving.....	4

Chapter 2: About Winmate E430RM2 Series

About E430RM2.....	5
Features	5
Getting started.....	6
SIM Card and SD Card Installation.....	7
Battery Installation.....	7
Battery Charging	8
Turning On and Off the Device	9
Turning the E430RM2 On.....	9
Turning the E430RM2 Off.....	9
Resetting to Factory Defaults	10

Chapter 3: Using Android 4.1 Operating System

Wake Up the Phone	11
Using the Touch Screen	11
Using the Home Screen	11
Personalizing Home Screen	12
View other parts of the Home Screen	13
Status and Notification Icons	14
Using the On-Screen Keyboard	15
Enter Text by Typing	16
Editing Text	17
Display Setting	18
Audio Profile Setting	18
Sounds Setting.....	18
Adjust Volume	19
Language & Keyboard Setting	19
Change the keyboard language.....	20

USB Debugging Setting	20
Using the Phone.....	21
To Make a Phone Call	21
To Make a Phone Call Using Contact List	21
Answering or Declining Calls	22
Messaging.....	22
Send a Text Message.....	22
Open and Respond to Text Message	23
About Phone	23
Chapter 4: Connecting to Network and Devices	
Connecting to Mobile Networks	24
Checking the network (GPRS/3G) connection	24
Turning on data service	24
Connecting to Wi-Fi Networks	24
Turn On the Wi-Fi and Connect to a Wi-Fi Network.....	24
Add a Wi-Fi Networks.....	25
Connecting to Bluetooth Devices.....	25
Turn Bluetooth On or Off	25
Connect to a Bluetooth Device	25
Disconnect from a Bluetooth Device.....	26
Connecting to Computer via USB.....	26
Chapter 5: Using the Camera	
Open Camera	28
Take a Picture	28
Switch between Front and Back Cameras.....	28
Shoot a Video.....	29
Chapter 6: Accessories	
E430RM2 Standard Accessories	30
E430RM2 Optional Accessories	30

Chapter 1: Safety Information

Exposure to Radio Use

E430RM2 series is equipped with Bluetooth, WI-Fi and Cellular modem radio. In some situation or area, user may be required to turn off the radios. For example;

- User's needs to turn the phone OFF when in an area posted "TURN OFF RADIO SIGNAL." to avoid interfering with blasting operations.
- User needs to turn OFF the radio signal in health care facilities. Hospitals or health care facilities may be using devices that sensitive to Radio Frequency energy.
- Aviation authority regulations prohibit user from using phone while in the aircraft.

In order to prevent the handheld from emitting radio signals, do the following step:

- To turn off the device:
Press and hold the power button to display the *Phone Options* menu for 3 sec then tap the **Power Off**
- To set the device into airplane mode:
Press and hold the power button to display the *Phone Options* menu for 3 sec then tap **Airplane mode**
- To turn off the Communication options e.g. Bluetooth, Wi-Fi, cellular modem radio:
Select **MENU**, tap **Setting**, and then tap **Wireless & networks**.
If any radios are on, tap them to uncheck all the radios' checkboxes in the devices

RF Exposure Information

This PDA meets the government's requirement for exposure to radio waves. This PDA is designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government. The exposure standard for wireless devices employs a unit of measurement known as the Specific Absorption Rate (SAR). The SAR limit set by the FCC is 1.6W/Kg. Test for SAR are conducted using standard operating positions accepted by the FCC with the device transmitting at its highest certified power level in all tested frequency bands. Although SAR is determined at the highest certified power level, the actual SAR level of the device while operating can be well below the maximum value. This is because the PDA is designed to operate at multiple power levels so as to use only the power required to reach the network. In general, the closer user to a wireless base station antenna, the lower the power output.

For body worn operation, this PDA has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal and the positions of the handset minimum of 1.5 cm from the body. User of other enhancements may not ensure compliance with FCC RF exposure guidelines. If user do not use a body-worn accessory and are not

holding the PDA at the ear, position the handset a minimum of 1.5 cm from your body when the device is switched on.

Battery Safety Information



Do not use other battery which is not intended for the product. Use only the battery compatible for the device and follow battery usage, storage, and charging guidelines in this user guide.



A damage rechargeable Lithium-ion polymer battery can cause explosion or fire. To prevent personal injury and/or property damage:

- Do not open, disassemble, puncture, or crush the battery
- Do not leave or store the PDA in an area which is near a heat source such as vehicle dashboard, dryer or other heat source.
- Do not attempt to insert foreign object into the battery or allow conductive objects to contact the battery

In the event of battery leak:

- Do not have any contact with the battery fluid
 - If battery fluid leaks onto the skin or cloth, wash the affected area with clean water
-



Please contact your current Winmate distributor or local Winmate vendor if you suspect damage to your PDA or battery for inspection and reparation.

Electrostatic Discharge



Please follow proper electrostatic discharge precaution to prevent static damage that can harm electronic components inside your device

Driving



Using mobile device or accessory while driving may cause distraction and maybe illegal in some areas where you drive. Please obey the laws and regulations on the use of mobile device

Chapter 2: About Winmate E430RM2 Series

About E430RM2

Winmate E430RM2 Industrial PDA is based on the ARM Cortex-A9 processor running at 1 GHz. The 4.3-inch capacitive multi-touch display offers 480 x 800 pixel WVGA resolution. Other new era tech includes dual cameras, a micro-SD card slot, 802.11 a/b/g/n Wi-Fi, Built in GPS and 3G mobile broadband.

Features

This section provides the features of the E430RM2 series and describes how to set this device for the first time.



Features

1	Earpiece	Use to listen during phone conversation
2	Barcode Scan Window	Barcode Scan Window (Will change to black lens when without barcode)
3	Webcam	To capture a front view picture and use for Video call

4	Proximity & Light Sensor	Proximity function is used specifically towards near field proximity applications. In mobile phones, the proximity detection can detect when the user positions of mobile phone is close to their ear Light sensor detect the availability of light and automatically control the brightness of a screen backlight intensity
5	IR (optional)	Use for sending and receiving infrared signals
6	LED indicator	LED indicator indicates the battery power or charging status
7	Power Button	Press and hold the button for 3 seconds to turn on E430RM2 Press to turn on/off the screen Press and hold the button for 3 seconds to select: <ul style="list-style-type: none"> • Power Off -- to turn off the E430RM2 press button for 8 Sec to force system power off • Airplane mode -- to disable all wireless connection • Silent mode -- to disable all the sounds except for the alarms • Vibration mode – to vibrate all the notifications across the entire device • Normal mode – Return to the user setting mode
8	Function Key	Use to trigger the barcode reader for E430RM2series with barcode reader (differs by product type)
9	Volume Up / Down	Increases or decreases the call volume when a call is in progress. In other applications, it controls the volume of music or other audio
10	4.3" Touch screen	Display all information needed to operate E430RM2
11		Opens the home screen with single touch
12		Opens a menu with items that affect the current screen or application
13		Opens the previous screen and to close onscreen keyboard if it is open and Return to the previous action
14		Opens the search widget for searching the web, applications, and contacts
15	Micro USB	Use for charging and communication
16	Pogo Pin	Use for charging and docking
17	Speaker	Provides audio output for music and video
18	LED	Use it as a flashlight
19	5 MP Rear Camera	Takes photos or record videos
20	Battery	Removable Battery
21	Hand Strap Slot	Hand Strap Slot
22	Latches	to remove the battery

Getting started

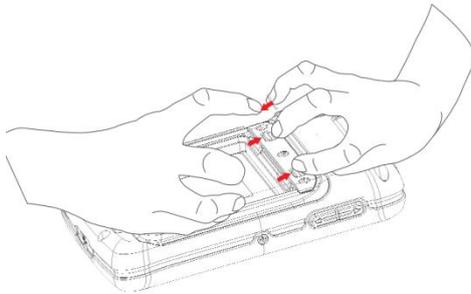
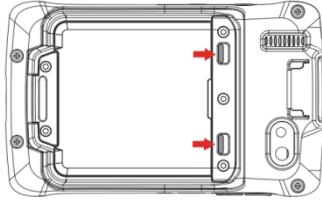
To start using the E430RM2 for the first time:

- Install SIM Card and SD Card
- Install the battery
- Charging the Battery

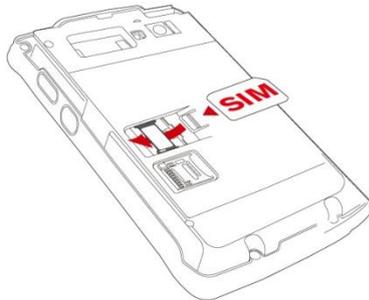
Sim Card and SD Card Installation

To Install the SIM Card and SD Card:

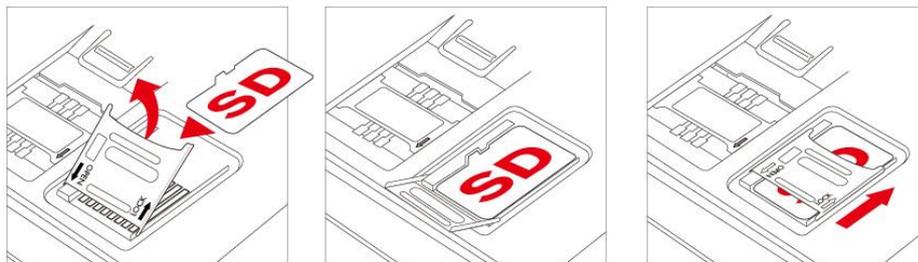
1. Place the E430RM2 facing down
2. Press the 2 latch up and removable the battery



3. Locate the SIM card holder
4. Insert the SIM card (with the gold parts facing down and cut-off corner facing out) in the direction of the arrow as shown in the figure



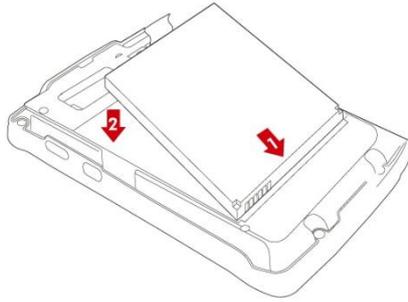
5. Locate the SD card holder
6. Push the SD card holder in the direction of the arrow to unlock it.



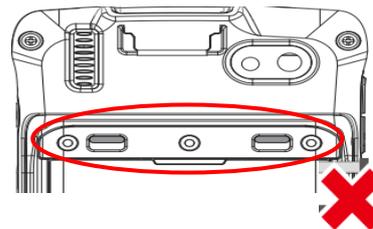
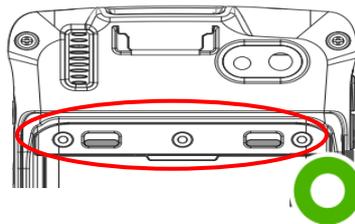
7. Pick and raise the SD card holder up in upright position and then put the SD Card into the socket
8. Close the SIM card holder and push it into lock position until there is a click sound

Battery Installation

1. Re-insert the battery by latching the bottom first and then push it down.



Check the battery latch



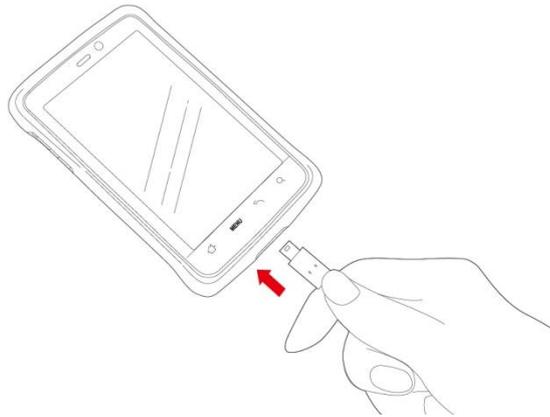
Battery charging

Please charge the battery before using the PDA for the first time, charge the battery until the LED indicator turns solid green. To charge the E430RM2, use a cable or a docking with appropriate power supply. For more information about the E430RM2 accessories, see [chapter 6](#).

To charge the battery using USB/ Charge cable:

1. Connect the power supply output connector to the input power port on the USB/Charge cable.
2. Remove the protective rubber and connect the USB/ Charge cable to the bottom of E430RM2. The battery charge LED indicates the battery charging status

LED Status	Indication
OFF	E430RM2 is not charging or not properly connected
Solid Red	Low battery
Solid Orange	Charging in progress
Solid Green	Charging complete



This product uses a non-removable battery. The battery should only be removed when you want to change the SD Card or SIM Card

To charge the battery using Docking:

1. Connect the docking to power, Insert the E430RM2 into the slot to begin charging
2. The E430RM2 LED indicator indicates the status of the battery charging



- This docking provides Input: 12V/50W DC in
- Two slot charging dock
- Power level LED indicators
- Support up to 2 set of dock , interconnected

Turning On and Off the Device

Turning the E430RM2 On

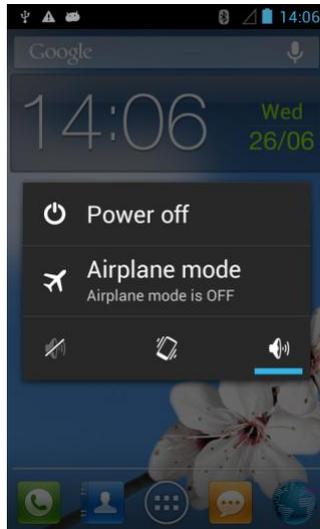
1. Press and hold the power button for 3 seconds, located on the right side of the unit



2. When the device vibrates, release the power button
The desktop screen is displayed

Turning the E43RM2 Off

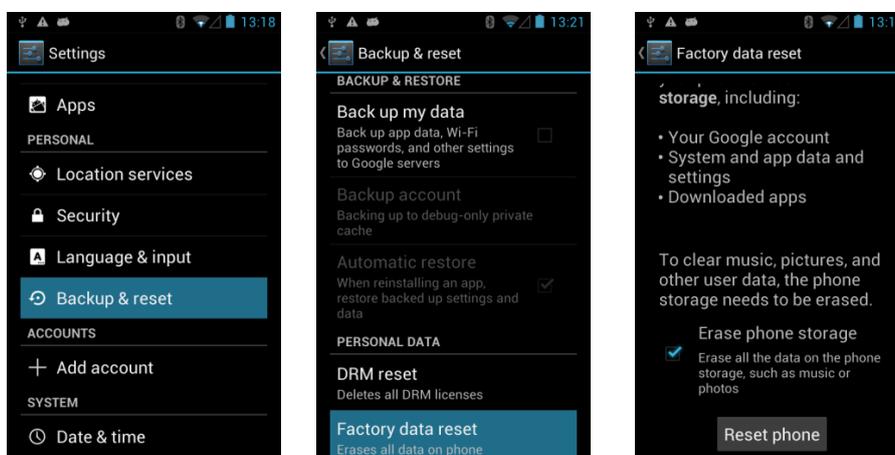
1. To turn off the device, press and hold the power button until the phone options menu appears, tap the **Power off**.
2. User can also use the Phone options menu to put the device into silent or airplane mode, see features table.



Resetting to Factory Defaults

To reset the device to factory defaults:

1. Tap **MENU**, than tap **System settings**
2. Locate **Backup & reset** and then tap it
3. Tap **Factory data reset**, user can select to back up application data, Wi-Fi passwords and other settings to Google servers by tapping **Back up my data**.
4. Read all the available information and then check Erase phone storage if user want to erase all the data on the phone storage such as music or photo

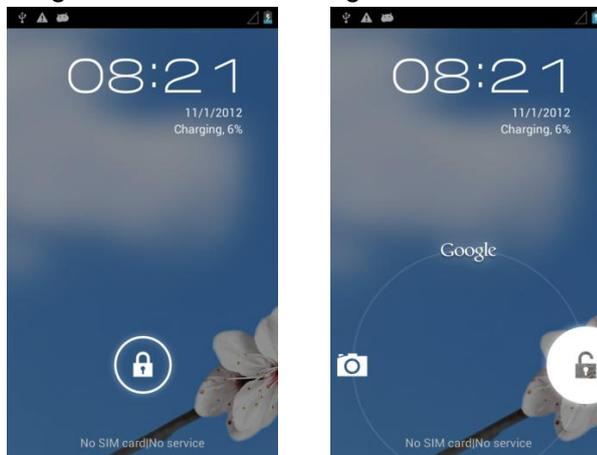


Chapter 3: Using Android 4.1 Operating System

Wake Up the Phone

If you do not use the phone for a while, the screen dims and then darkens to conserve the battery. To wake up the phone:

1. Press the **Power** button on the side of the PDA.
2. Drag the lock icon to the right



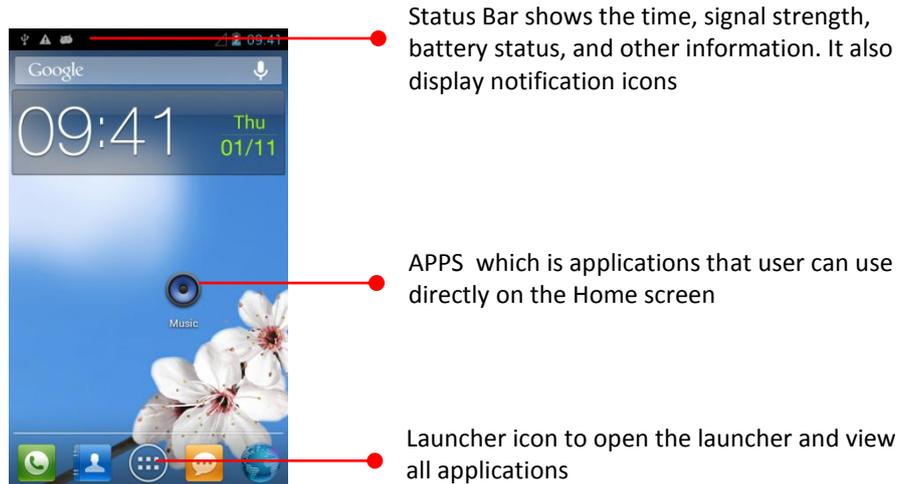
Using the Touch Screen

To gain full access of the Android interface is by using your finger to manipulate icons, on screen keyboard, menu items, and other items on the touch screen.

- *Tap* – Simply touch the icon, symbol, or onscreen button using your finger
- *Tap and hold* – Touching an item using your finger and not lifting it until an action occurs
- *Drag* – Touch and hold an item for some amount of time and then, without lifting your finger, move your finger along the screen until you reach target position
- *Swipe or slide* – Quickly move your finger across the surface of the screen, without pausing it when you first touch it. (e.g. scroll a page or a list up or down)
- *Double tap* – Tap quickly twice on a webpage, map, or other screen to zoom. Double tapping after pinching the zoom in some application to fit the width of the screen
- *Pinch* – Place two fingers on the screen at once and pinching them together (to zoom out) and spreading them apart (to zoom in).
- *Rotate the screen* – Orientation of the screens rotates with the phone as user turn it from upright to its side and back again.

Using the Home Screen

Home screen is the starting point to access all the features on your PDA Device. It displays application icons, widgets, shortcuts, and other features. User can personalize the home screen. See “Personalizing home screen”

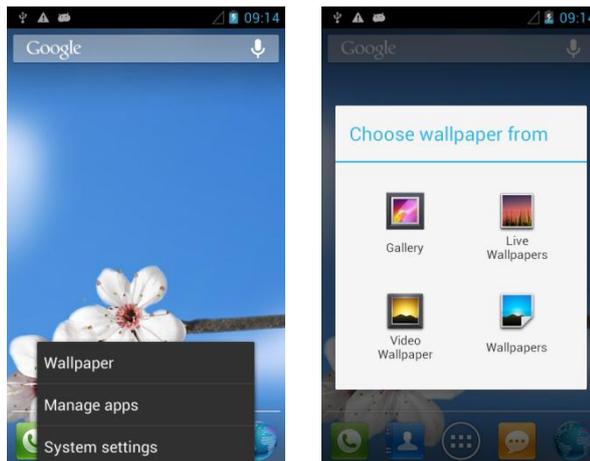


Personalizing Home Screen

User can add application icons, shortcuts, widgets, and other items to any part of any Home screen where there is free space. User can also switch the wallpaper.

To change wallpaper on the Home screen:

1. Tap **MENU** and then tap Wallpaper
2. On the menu that opens tap the type of item you want to add.



To move an item on the Home screen:

1. Tap and hold the item you want to move, until it can be moved.
2. Drag it to a new location on the screen
3. Place the item where you want to put it and lift your finger



Move a APPS (Camera) to Home screen

To remove an item from the Home screen:

1. Tap and hold the item you want to remove. The launcher icon will change into a Remove icon
2. Drag the item you want to remove to the Remove icon
3. When the icon turns red, release your finger



View other parts of the Home Screen

1. Slide your finger left or right across the Home screen
Extensions to the Home screen provide extra space for APPS, shortcuts, and other items.



2. Tap the launcher icon to view the entire APPS and Widgets of the device



Status and Notification Icons

The status bar appears at the top of every screen. On the left are notification icons and on the right are status icons, along with the current time.



Notification icons

Status icons

Status Icon

The following icons indicate the status of your PDA, for example if users are connected to a Wi-Fi network that is not connected to the internet, the network icons are appears in white color

Status icons that appear in the status bar are as follows:

	Connected to GPRS mobile network		Bluetooth is on
	Connected to 1xRTT mobile network		Connected to a Bluetooth device
	Connected to EDGE mobile network		No SIM card installed
	Connected to 3G mobile network		Vibrate mode
	Connected to 4G mobile network		Ringer is silenced
	Mobile network signal strength		Battery is very low
	Searching for a network signal		Battery is low
	No signal		Battery is partially drained
	Connected to a Wi-Fi network		Battery is full
	Roaming		Battery is charging
	Airplane mode		Receiving location data from GPS

Notification Icon

The following icons indicate that you have received notification

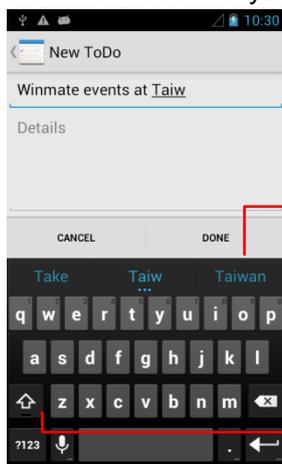
	New email message		Incoming call
	New text or multimedia message		Missed call
	Alarm is set		Speakerphone is activated
	Upcoming event		Phone microphone is muted
	Data is syncing		Downloading data
	Problem with sign-in or sync		Phone is connected via USB cable
	A screenshot is captured		

Using the On-Screen Keyboard

User will be able to enter text using the On-Screen Keyboard. Some applications will launch the keyboard automatically. In others, user needs to touch a text field where user wants to enter text to launch the keyboard.

Enter Text by Typing

1. Open a text field, in this example we used ToDo  to create a note
The On-Screen Keyboard opens.



Tap a suggestion to enter it in place of the underlined word in the text box.

Tap once to capitalize the alphabet

If user taps in a text field which already contains text, the insertion point is set where user tap and the cursor appears. User can drag the cursor to pick exactly where you want to add more text. User can also select a word to copy, cut and paste it. See “Editing Text”

2. Tap the delete key  to erase characters to the left of the cursor
3. Tap  to enter numbers. Tap  to return to letters
4. To enter symbols and other characters, tap and hold one of the top-row keys and slide your finger up to the list of the options. Lift your finger when you find your selection.



5. To view additional symbols, tap  on the numeric keyboard.



6. To open a small window with as set of common symbols, tap & hold the periode key 



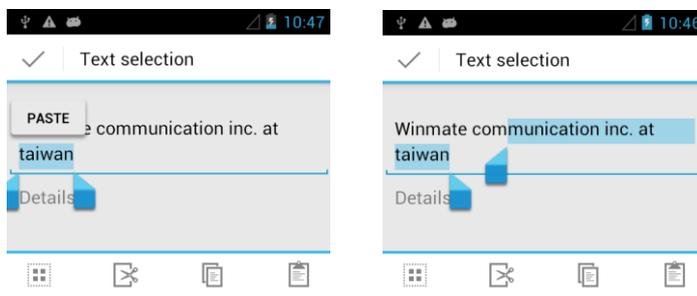
7. To close the On-Screen keyboard, tap the back button



Editing Text

To select text

1. Double Tap the text you want to select
2. Tap  to select all the sentences in the menu that appears, the selected text is highlighted in blue, with a tab at each end of the selected word
3. Drag selection tab to expand or reduce the range of the selected text

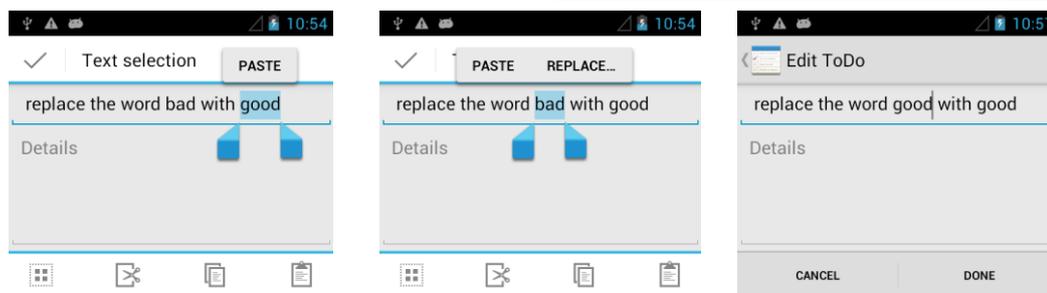


To Cut or Copy Text

1. Select the text to cut or copy, see “to select text”
2. Tap  or  in the Edit text menu.
3. If you select , the selected text is removed from the text field; it is stored in temporary area so that you can paste it into different text field.

To Paste Text

1. After Cut or Copy the text, see “To Cut or Copy Text”
2. Place the cursor in the text field where you want to paste the text, user can paste text that you copied from one application into a text field in any application
3. Tap and hold into the location that you want to paste, Tap **Paste** in the menu that opens or user can also tap  to replace the existing text with copied text



Display Setting

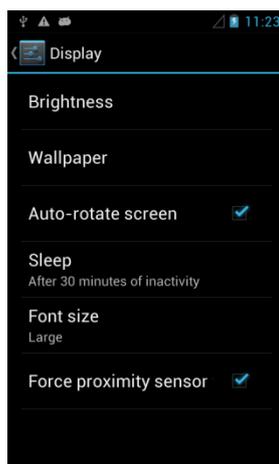
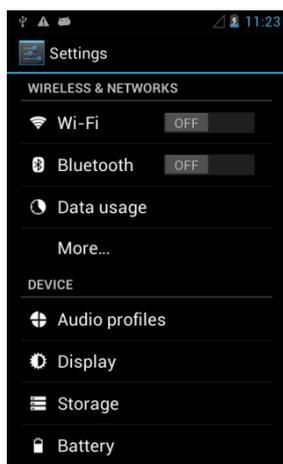
Use the display settings to configure brightness and other screen settings.

1. Tap **MENU** and then tap **System settings**
2. Tap **Display** and in the DEVICE part there are:
 - *Brightness* – for adjusting the brightness of the screen.
 - *Wallpaper* – to select wallpaper
 - *Auto-rotate screen* – for switching the orientation of the screen as user turn the device sideways or upright
 - *Sleep* – to inactivate the device after some time
 - *Font Size* – for adjusting the font in the device



Note

For the longest battery life between charges, use the shortest Sleep time



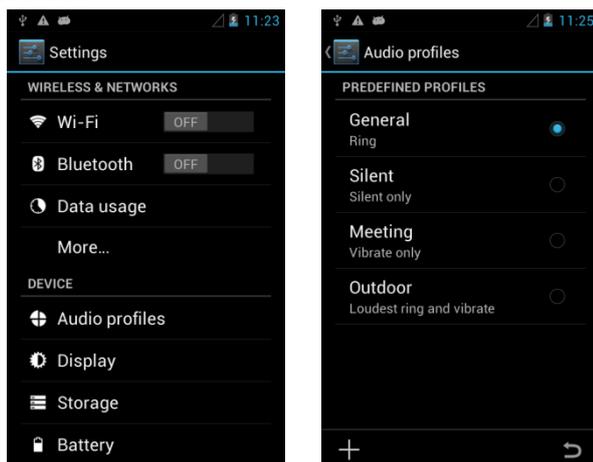
Audio Profile Setting

Use the sound settings to configure how and at what volume the phone rings, vibrates or alerts user in other ways when user receive a call, receive a notification or an alarm sounds.

Sounds Setting

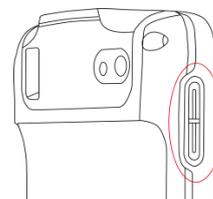
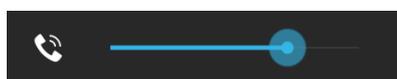
1. Tap **MENU** and then tap **System settings**

2. Tap **Audio profiles** and then user can select General, Silent, Meeting or Outdoor profile.



Adjust Volume

1. Press the volume keys to change the ring volume (On Home screen) or earpiece volume (during a call)



Language & Keyboard Setting

Use the Language & keyboard settings to select the language for the text on your phone and for configuring On-Screen Keyboard, including words that you have added to its dictionary

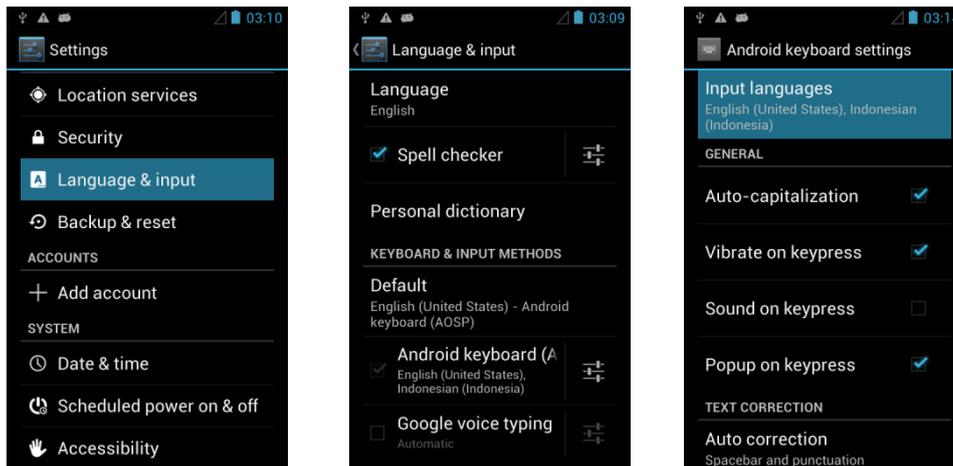
1. Tap **MENU** and then tap **System Settings**
2. Tap **Language & Input**

language – to open the language screen, where user can select the language to use for the text on the device.

Default – to apply the onscreen keyboard that is included with user's device. The correction and capitalization features affect only the English version of the keyboard.

Android keyboard settings – the setting screen is available only if user's device has a physical keyboard. There are three options; Auto-replace (check to correct misspelled words), Auto-cap (check to capitalize the first letter of the first word in sentences), and Auto-punctuate (check to insert a period when user press the space key twice in a row)

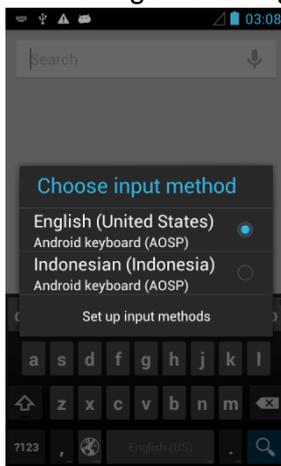
Input Language (Active Input Methods) – user can select language(s) that will appear in the android keyboard



Change the keyboard language

The current keyboard language is displayed on the Space key and user can switch languages.

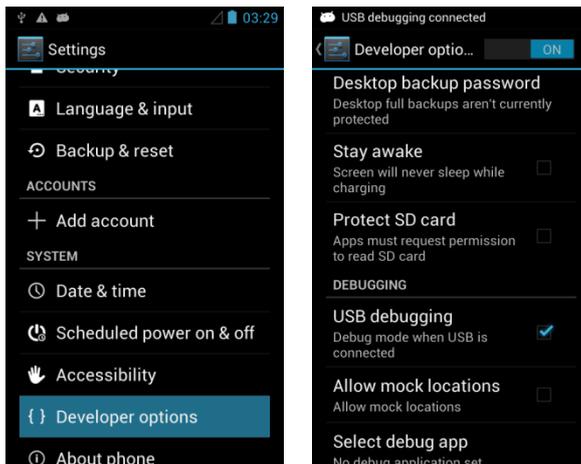
1. Tap and hold the space key
2. Without lifting the finger, slide it to the left or right until the language you want to use appears in the center of the small window above the Space Key
3. Lift the finger to change the keyboard language



USB Debugging Setting

To permit debugging tools on a computer to communicate with User's PDA via USB Connection.

1. Tap **MENU** and then tap **System Settings**
2. Tap **{ } Developer options** and then tap **USB debugging**



Using the Phone

User can make a phone call by dialing a phone number; touch a number in the contact list, on the web pages or other places.

To Make a Phone Call

1. Please make sure the SIM card is properly installed
2. Tap the Phone icon  at the bottom of the Home screen or in the launcher or on the Home screen
3. Tap the numeric keys on the screen to enter the phone number and then tap  to dial the number that you have entered



If you enter a wrong number, tap this button to erase digits one by one. To erase the entire number, tap and hold this button

Tap and hold to enter +

4. Adjust the call volume by pressing the volume up / down button on the side of the PDA device

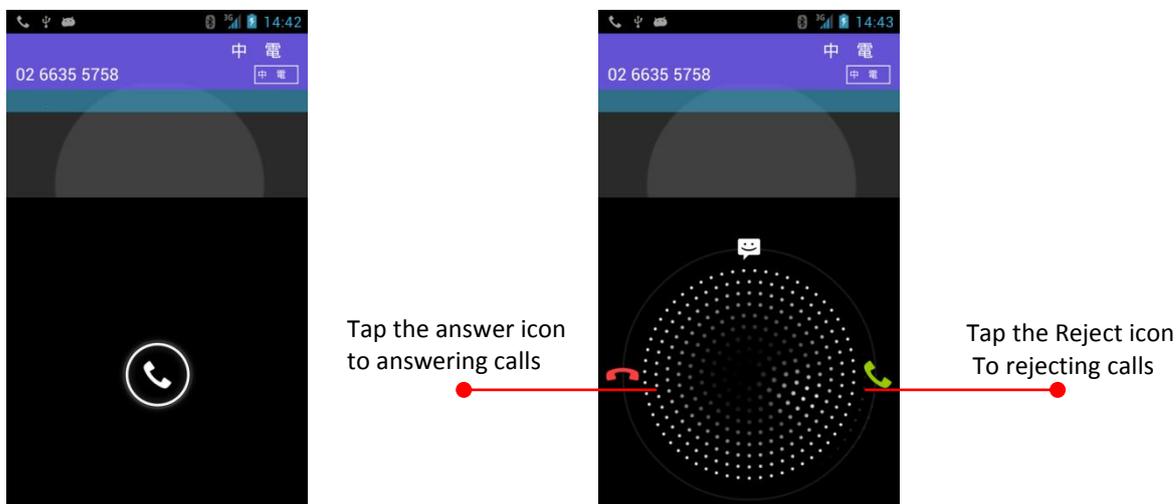
To Make a Phone Call Using Contact List

1. Tap the **launcher** and then tap **Contacts** 
Or

2. Tap the Phone icon  at the bottom of the Home screen and then tap the Contacts 
3. Select the required contact and then tap it to call

Answering or Declining Calls

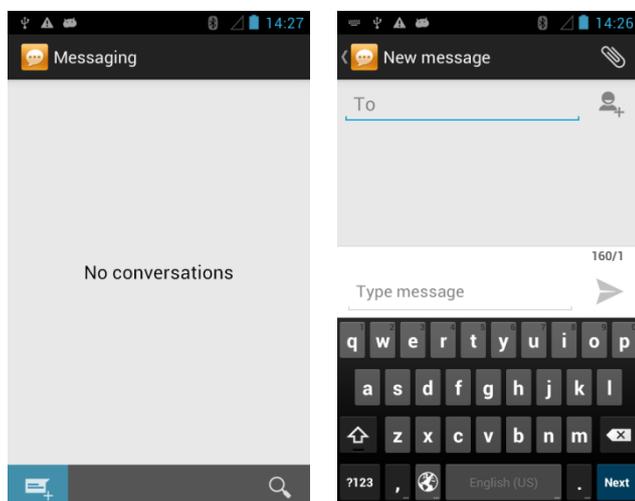
When user receive a phone call, the incoming call screen opens with the caller ID and any additional information about the caller that you have entered in contacts.



Messaging

Send a Text Message

1. Tap the **launcher** and then tap 
2. Tap Compose new message and enter a mobile phone number in the **To field**. You can tap to find your contact
3. Tap the composition text box to start entering your message



Open and Respond to Text Message

If you are working in a message window, message that you receive are display in it. Otherwise, you receive a new message notification and a new message icon appears in the status bar.

To reply a message

When user tap the new message notification, the message window opens and user can reply the message

To forward a message

1. Tap & hold a message in a message window
2. Tap **Forward message** in the menu that opens
3. Enter a recipient for message and edit the content if necessary
4. Tap **Send**

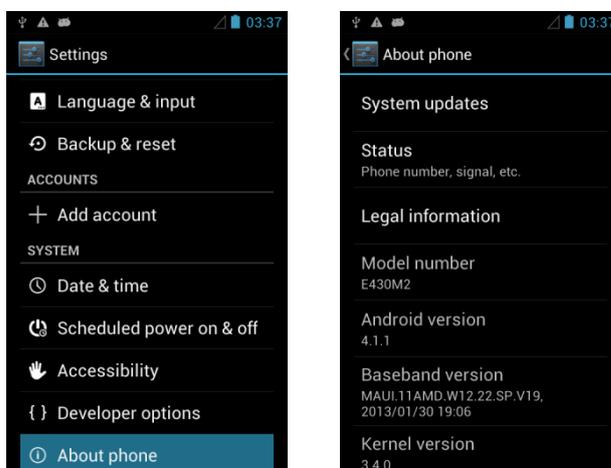
About Phone

About Phone includes information about user's phone

System Update — provides information regarding the local or online update of your devices

Status — opens the status screen with a list of information about battery, network, signal strength and other details

Legal Information — lists details about the model number, Android Version, Baseband version etc. this information is useful if user need to work with support team



Chapter 4: Connecting to Network and Devices

Connecting to Mobile Networks

When users assemble their PDA with a SIM card from service provider, their phone is configured to use their provider networks for voice calls and for transmitting data.

Different locations may have different mobile networks available; user may need to configure their phone to use certain networks. To obtain fastest networks user can configure their phone to 4G and to extend the life of battery user can use 2G network.

Checking the Network (GPRS/3G) Connection

1. Tap **MENU** and then tap **System Settings**
2. Tap **More...** in the **Wireless & networks**, and then tap **Mobile networks**
3. Tap **3G Service** to check the network connection



Note

Do not change the parameters of the access point to prevent user may not be able to access network sources

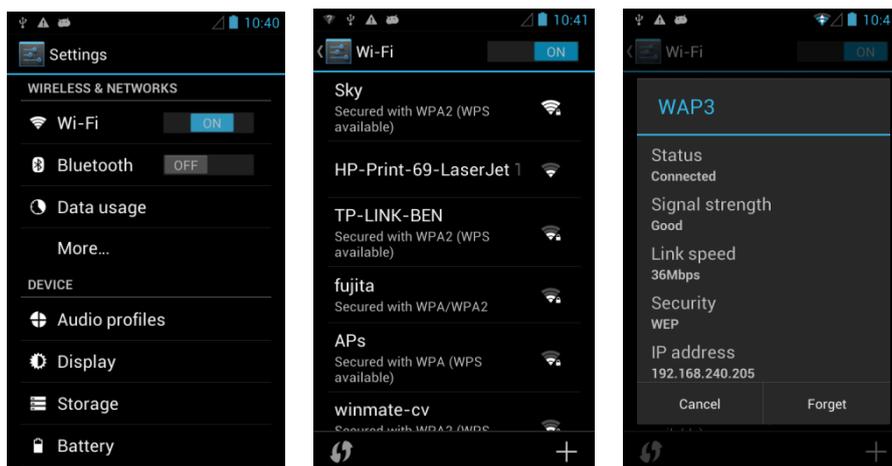
Turning on data service

1. Tap **MENU** and then tap **System Settings**
2. Tap **More...** in the **Wireless & networks**, and then tap **Mobile networks**
3. Tap **Data connection**
4. Select the desired network operator to enable the data connection

Connecting to Wi-Fi Networks

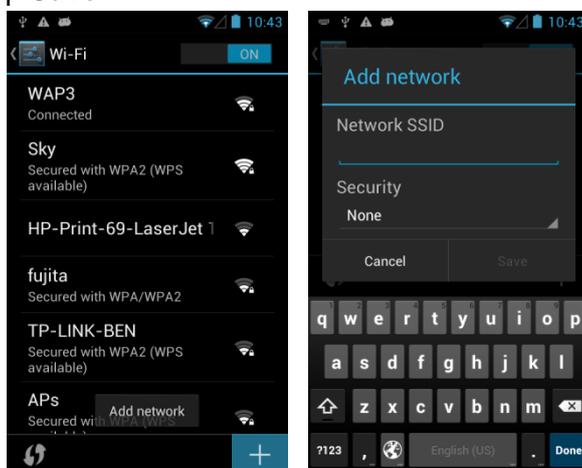
Turn On the Wi-Fi and Connect to a Wi-Fi network

1. Tap **MENU** and then tap **System Settings**
2. Tap **Wireless & networks** and then select **Wi-Fi** to turn it on
3. Tap **Wi-Fi**
The device scans for available Wi-Fi networks and displays the list of it. Secured networks are indicated with a lock icon 
If the phone finds a network that you have connected previously, it connects to it automatically.
4. Tap a network to connect to it;
 - If the network is open, you are prompted to confirm that you want to connect it by tapping **Connect**
 - If the network is secured, users are prompted to enter a password or other credentials
5. To check the details about the speed, security, address and related settings, tap its name in the Wi-Fi settings screen



Add a Wi-Fi Network

1. Turn on Wi-Fi, in the Wi-Fi settings screen, tap + icon (at the bottom right of the list of discovered networks)
2. Input the SSID (name) of the network, if the network is secured, tap the security menu and then tap the type of security deployed on the network.
3. Enter any required security credentials
4. Tap **Save**



Connecting to Bluetooth Devices

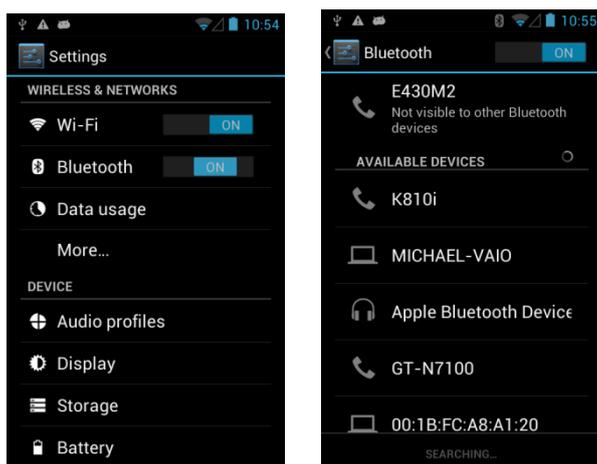
Turn Bluetooth On or Off

1. Tap **MENU** and then tap **System settings**
2. Tap **Wireless & networks** and then select **Bluetooth** to turn it on

Connect to a Bluetooth device

1. Tap **MENU** and then tap **System settings**
2. Tap **Wireless & networks**, and then tap **Bluetooth settings**
3. It will automatically scans and displays the IDs of all available Bluetooth devices in range. Tap **SEARCH FOR DEVICES** to search other Bluetooth devices

4. Tap the ID of the other device in the list in Settings to pair them



Disconnect from a Bluetooth device

1. Tap the device in the Bluetooth settings screen
2. Tap **OK** to confirm that you want to disconnect

Connecting to Computer via USB

User can connect their PDA to a computer with USB cable to transfer files between PDA and computer



When connecting your PDA to a computer and mounting its USB storage or SD card, user must follow the computer's instructions for connecting and disconnecting USB device, to avoid damaging or corrupting files.

To connect your PDA to a computer via USB:

1. Use the USB cable that came with your PDA to connect the phone to a USB port on your computer
2. After received a notification that the USB is connected, tap the notification panel and then tap **USB connected** 
3. Tap **Turn on USB storage** in the screen that opens to confirm that user wants to transfer files.

When the phone is connected as USB storage, the screen indicates that USB storage is in use and user will receive a notification



Carefully follow your computer's instructions to un-mount the USB storage or SD card. Disconnect USB device not properly can cause a loss of important data or information.



To disconnect your PDA from the computer:

1. Open the Notifications panel and tap **USB connected**
2. Tap **Turn off USB storage** in the screen that opens



Chapter 5: Using the Camera

Winmate E430RM2 equipped with 5 MP on the rear side and 2 MP on the front side, which user can use to capture photos or video

Open Camera

1. Tap the **launcher** and then tap **Camera** 
Camera opens in Portrait mode, ready to take a picture or shoot a video



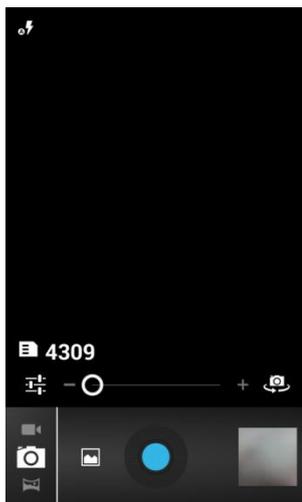
Note Make sure the protective lens cover is clean before taking pictures. A lens cover with smudges from fingers can cause blurry picture

Take a picture

1. Adjust the exposure, flash, and other necessary settings. Or leave it automatic.
2. Frame your subject / object on screen

User can set whether user want to use the front or rear camera, by tapping 
Slide  to zoom in or out.

3. Tap the On Screen Shutter icon 
The camera brings the image into focus, when the image is in focus, the focus indicators in each corner will turn green and ready to capture
4. Touch the  to change camera settings



Switch between front and rear cameras

E430RM2 has both a front and rear camera, user can select which camera you want to preview and take pictures with.

1. Tap the On Screen Select Camera icon to switch between the rear camera and the front camera 

2. The preview switches to show the scene viewed from the camera you selected.



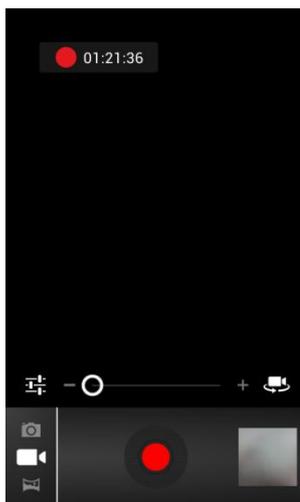
Not all features (such as flash) are available for the front camera

Viewing pictures

1. After taking a photo, a thumbnail of the picture is shown on the corner of the capture screen. Tap the thumbnail to view it
2. Tap the onscreen button
 -  to share photo
 -  to delete photo
 -  to view other photo or video in the galleries
3. Swipe right or left to view more photos

Shoot a video

1. Tap  to switch from camera to video mode
2. Point the lens to record the scene where you want to start
3. Tap the On Screen Start Video  icon
The time remaining to shoot counts down at the left; when less than a minute is left, the countdown turns red
4. Tap the  icon again to stop shooting



Opening the Gallery

1. Tap the **launcher** and then tap **Gallery** 
2. Tap a folder to view the pictures or video inside in full screen mode
3. Flick the pictures left or right to view the previous or next picture

Chapter 6: Accessories

E430RM2 Standard Accessories

Standard Accessory	Part Number	Details
Universal USB Adapter	922Z005W05V1 USA 922Z005W05V4 EU 922Z005W05V2 UK 922Z005W05V3 AUS	Input : AC 100-240V 50/60 Hz Output : 5V-1A
Micro USB Cable	9487049050K0	Provides power to the E430RM2 and USB communication with a host computer
Micro SD Card	76G004300000	4GB Micro SD Card
Hand Strap	9B0000000330	Firmly grasp the device without having a fear of dropping it

E430RM2 Optional Accessories

Optional Accessory	Part Number	Details
Charging Dock	98K000A0003Y	<ul style="list-style-type: none"> Two slot charging dock, with LED power level indicators supports up to 2 set of dock interconnected
Battery Charger	98K004A0000G	<ul style="list-style-type: none"> Two slot charging dock, power level LED indicator buzzer to indicate battery is inserted properly 12V/50W DC in
Battery	320403704008	3.7V 3900mAh Li-Poly removable battery
Leather Holster with shoulder strap	9B000000002U	Leather case with vinyl screen protector and shoulder strap. Keeps the device free of fingerprints and dirt
Lanyard	9B0000000317	Lanyard provides a secure feel when using your E430 series Rugged PDA while on the move
Micro USB host cable (OTG cable)	9480058040K0	This USB Host cable provides OTG (On-the-Go) function acting as a host allowing a USB flash drive to be attached.
Bluetooth printer	9B0000000266	<ul style="list-style-type: none"> Mobile thermal receipt printer Quick and efficient printing Li-ion battery (7.4V / 2.100mAh) Various Wireless communication