

# Winmate S430T Series PDA

Windows Mobile 6.5

## User Guide

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## Chapter 1: Safety Information

### Exposure to Radio Use

S430T 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 Power OFF button  to display the *Power OFF* menu then tap it

- To turn off the Communication options e.g. Bluetooth, Wi-Fi, cellular modem radio:  
Select **MENU**, tap **Setting**, and select necessary wireless communication settings

### RF Exposure Information

This Handheld device meets the government's requirement for exposure to radio waves. This device 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 device 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.

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## Battery Safety Information

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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.

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

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## Electrostatic Discharge

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

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## Driving

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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

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## Chapter 2: About Winmate S430T Series

### About S430T

Winmate S430T Industrial Handheld is based on the Texas instruments DM3730 processor running at 1 GHz. This device is an OMAP compatible package with an ARM Cortex-A8 core and powerful graphics accelerator. 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, speedy 802.11 Wi-Fi, integrated GPS and optional 3G mobile broadband.

### Features

This section provides the features of the S430T series and describes how to set this device for the first time



## Features

1	Touch Screen	Resistive touch screen	
2	Keypad Button		
		Search for IE	 WiFi / Bluetooth
		Back to previous page	 Volume up
		Menu	 Volume down
		Home	 Power
		Camera	 Scan barcode / RFID
3 4	Power Status		LED indicator indicates the battery power or charging status
5	Stylus pen		Stylus pen is used to operate the touch panel. This stylus features a tip for accuracy and ease of use
6	Flash		Camera flash for additional light during camera capture
7	Camera		5 megapixel camera
8	Hand strap fixing hole		To improve usability and ease of use when using the product
9	Speaker		Audio speaker provides a variety of sounds when user operating the device
10	Battery Latch screw		To secure the battery
11	Hand strap fixing hole		To improve usability and ease of use when using the product
12	Upper part		Rubber bumper to protect the device
13	Side part		
14	RS232		RS232 Connector
15	Mini USB		Use for data transfer via Mini USB cable
16	DC Jack		Use for charging
17	DC Dock		Use it for docking

## Getting started

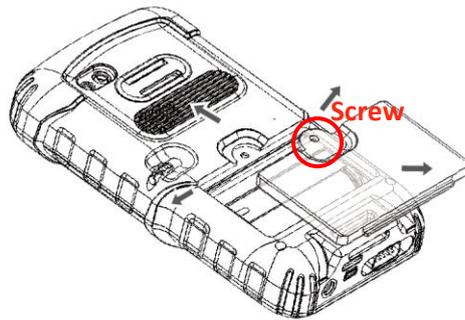
To start using the S430T for the first time:

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

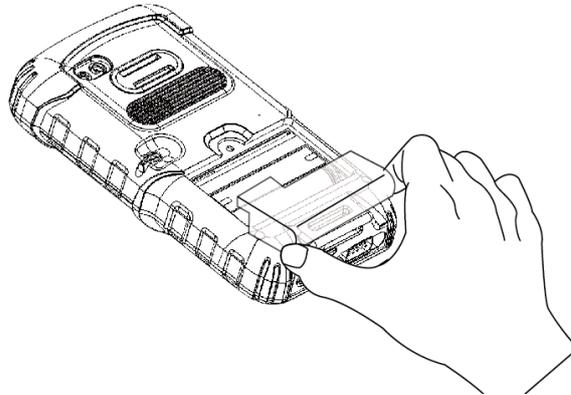
### SD Card Installation

To Install the SD Card:

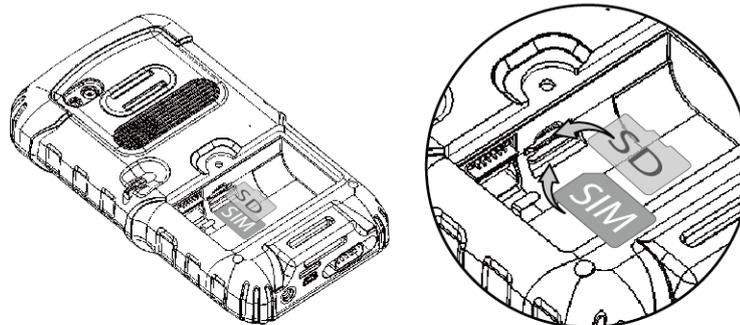
1. Place the S430T facing down and then locate the screws on the backside
2. Unscrew the screws and gently pull the back cover



3. Pull the battery to remove it



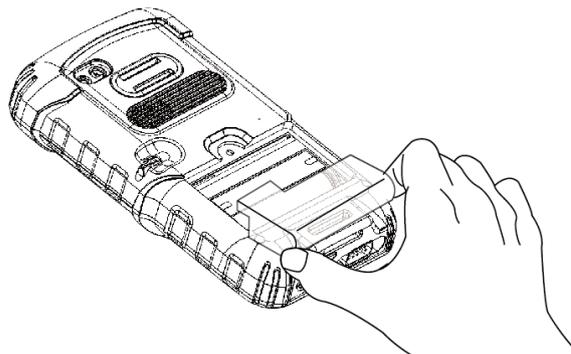
4. Locate the SD card holder
5. Insert the SD card accordingly as shown in the figure



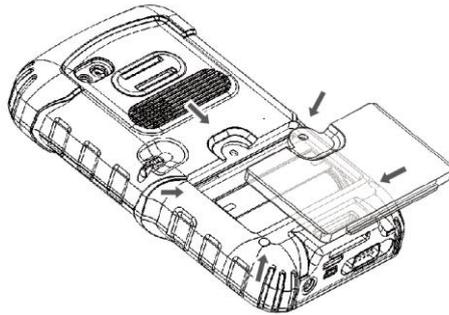
6. Locate the SD card holder
7. Push the SD card holder in the direction of the arrow

### Battery Installation

1. Reinsert the battery by latching the bottom first and then push it down.



2. After battery installation, put back the back cover and make sure all the screw fit with the hole. Screw and fix the back cover.



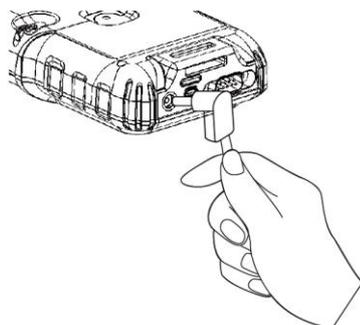
### Battery charging

Please charge the battery before using the device for the first time, charge the battery until the LED indicator turns solid green. To charge the S430T, use a cable or a docking with appropriate power supply. For more information about the S430T 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. Connect the USB/ Charge cable to the bottom of S430T. The battery charge LED indicates the battery charging status

LED Status	Indication
OFF	S430T is not charging S430 T is not properly connected to a power source
Solid orange	S430T is in charging process
Solid Green	Charging complete

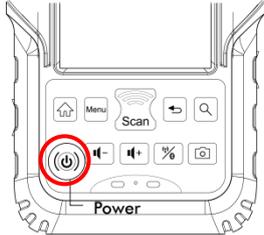


This product uses a non-removable battery. The battery should only be removed when you want to change the SD Card

## Turning On and Off the Device

### Turning the S430T On

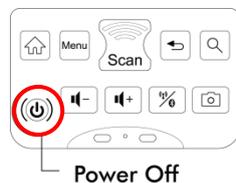
1. Press and hold the power button for 3 seconds, located on the right side of the unit



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

### Turning the S430T Off

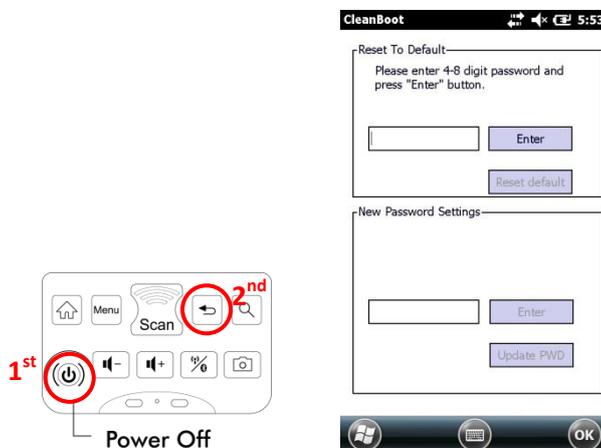
1. To turn off the device, press and hold the power button until the phone options menu appears, tap the **Power off**.



## Resetting to Factory Defaults

To reset the device to factory defaults:

1. Press the power button (less than 8 sec) followed by press home button will reset your device to factory defaults. Insert the password and tap enter.
2. Tap Reset default to reset the device to factory defaults



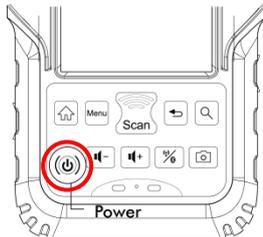
Performing a factory data reset does not delete any system software updates

## Chapter 3: Using Windows Mobile 6.5 Operating System

### Home Screen

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 located on the keypad.

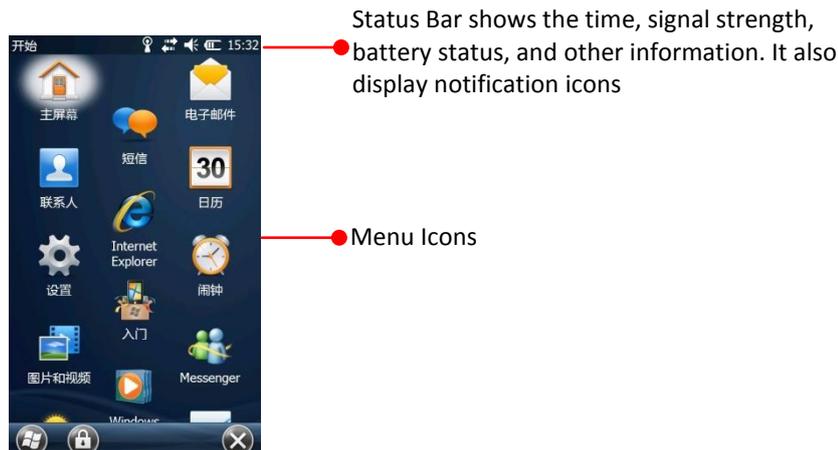


Home screen is used as a shortcut to launch activities such as using the phone, opening a gallery, texting and other activities. The activities included on the home screen are



### Start Screen

Tap the  button to access start screen, slide up/down to browse more items and tap it to access the items



## Start screen Icon descriptions

	<b>Home</b> -Tap to back to Home Screen.		<b>Text</b> -Send or receive mail.
	<b>E-mail</b> -Send or receive mail.		<b>Contacts</b> -Add and edit your contacts.
	<b>IE</b> -Browsing the website.		<b>Calendar</b> -Add and edit the schedule on calendar.
	<b>Settings</b> -Setting for system, clock, Bluetooth and so on.		<b>Getting Started</b> -Step by step to set up E430.
	<b>Alarms</b> -Set the Alarms.		<b>Pictures &amp; Videos</b> -View the picture and video file in E430.
	<b>Windows Media</b> -Play the music and video file in E430.		<b>Messenger</b> -Log in your Messenger account.
	<b>MSN Weather</b> -View the weather information from MSN.		<b>Windows Live</b> -Log in Windows Live account.
	<b>MSN Money</b> -View the stock market information from MSN.		<b>Calculator</b> -Open Calculator application.
	<b>Games</b> -Play game on E430.		<b>Notes</b> -Make notes by hand writing or typing.
	<b>Tasks</b> -Add task list and change the priority for each one.		<b>File Explorer</b> -Manage your files one E430.
	<b>ActiveSync</b> -Setting the ActiveSync with PC.		<b>Internet Sharing</b> -Setting the functions and connecting way.
	<b>Task Manager</b> -Manage all task on E430.		<b>Search Phone</b> -Search data or files in E430.
	<b>Help</b> -Connect to Windows Phone Online Help Center.		<b>OfficeMobile2010</b> -Open OfficeMobile2010 Applications.
	<b>Modem Link</b> -Settings about Modem Link with PC.		<b>Power OFF</b> -Power off application to turn off E430.
	<b>Remote Desktop Mobile</b> -Setting the remote desktop function.		<b>WDC Reader</b> -Barcode Reader or RFID application only for E430 with BR or RFID.

## Title Bar

Title bar is located at the top of the screen and these icons will show user the network, phone, volume, or battery status. As follows is the table list common status indicators seen the title bar.

Title bar status indicators

Icon	Description	Icon	Description
	You have a new notification.		Data is being transferred.
	You have a new text message.		The volume is on.
	You have a new e-mail message.		The volume is off.
	An alarm is set.		The battery has a full charge.
	The microphone is on.		The battery has a medium charge.
	A Bluetooth headset is detected.		The battery has a medium charge.
	An ActiveSync connection has been established.		The battery has a low charge.
	There was a problem with the ActiveSync synchronization.		The battery has a very low charge.
	Synchronizing through a Wi-Fi connection.		The battery is attached to external power and is charging.
	Connected to a wireless network and other networks are detected.		No battery is installed in the computer.
	Information about a new wireless network is available.		GPS locator is off.
	A network connection is active.		GPS locator is on.
	A network connection is inactive.		
	Voice mail is off.		

**Tile Bar**

Tile bar is located at the end of the screen and they are at fixed positions on the tile bar. E.g.

the is always on the left and the or button always on the right position



## Lock and unlock the device

To lock the keypad:

1. Tap  button to go to the start
2. Tap  button on the Tile bar

To unlock the keypad:

1. Tap the  button and user will see the following screen



2. Tap the  unlock icon

## Setting the date, time and alarms

1. Tap  select Settings, Clock & Alarms and then tap Time
2. Set the Time Zone, Date, and Time
3. After done, tap OK



## Setting regional options

1. Tap  select Settings, system and then tap Regional Settings
2. Select the region tab and then select your language preferences from the list
3. User can specify positive currency, Time and date are applicable to specific region
4. After it is done, tap  button



## Sound and Notifications

1. Tap  select Settings, system and then tap Sounds & Notifications
2. On the sounds tab, select the desired sound for each events, programs, screen taps, or hardware buttons. When done tap 
3. From the Notification tab, select a ringtone in the Ring tone list. When done, tap 
4. From the vibrations tab, select the screen taps mode (short, medium or long). When done, tap 

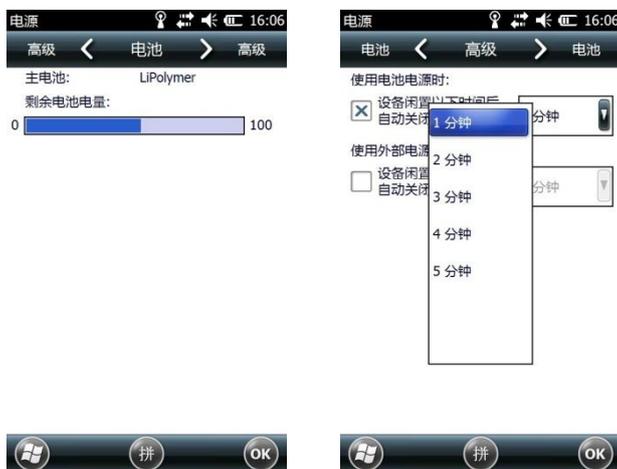


## Power Management

Battery life hour is depends on the application and operating condition. By selecting *turn off screen if device not used for*, it will extend the battery life hour.

To manage the power management settings:

1. Tap select Settings and then tap Power
2. In the Battery tab user can monitor the amount of battery life remaining
3. In the Advanced tab user can select to turn *off screen if device not used for* some amount of time.



## Backlight setting

To extend the battery life and minimize the power consumption, user can adjust the backlight

1. Tap and select settings and then System. Tap Backlight to minimize the amount of time and dime it to certain brightness as required to view the display.
2. In the Battery power and external power tab user can set the time to turn off the backlight if device is not used for a specific time.
3. In the brightness tab user can adjust the brightness by using scroll bar



## Chapter 4: Connecting to network and devices

### ActiveSync

In order to connect S430T with PC, user needs to install Microsoft ActiveSync 4.5 or later version. User can obtain it from <http://www.microsoft.com> and search for ActiveSync.

To synchronize your device with ActiveSync:

1. Connect S430T device to your computer. *Synchronization Setup Wizard* will automatically start. Click *Next* to proceed
2. Clear the synchronize directly with a server running Microsoft exchange check box and click *Next*
3. Select the information types that you want to synchronize, then click *Next* to proceed
4. Click *Finish*

### Synchronizing with PC

After activated ActiveSync, user can synchronize S430T with PC. To synchronize from your S430T or PC:

From your device:

1. Click windows, tap ActiveSync  and then click Sync
2. To end synchronization before it completes, tap Stop

From *ActiveSync* on your computer:

1. Click  to start synchronization
2. To end synchronization click stop

### Connecting to WiFi

To connect to WiFi:

1. Tap  start menu select settings and then connections, tap WiFi.
2. Select the Wireless connection which available and type password (if needed) to finish the connection setting



## Connecting to Internet

To connect or browse the internet:

1. Tap select Internet Explorer and enter the address of a web site.
2. User can select to choose more function such as keyboard, menu, back, start menu, and exit.
3. The scroll bar on the right side is Zoom in/out bar
4. User can type webpage address here



## Sending and Receiving E-Mail

To set up the E-mail account:

1. Tap select E-mail and then select Setup E-mail.
2. Follow the instructions and user can synchronize with a Microsoft Exchange Server or POP Mail server



To send and receive E-mail messages:

1. Tap  select E-mail and select an email account
2. Tap New to compose a message and tap Send

## Connecting to Bluetooth

Bluetooth is a wireless technology standard for exchanging data over short distances from fixed and mobile devices, creating personal area networks (PANs) with high levels of security. It can connect several devices, overcoming problems of synchronization.

S430T support Bluetooth v2.1+EDR. It is fully backward compatible with 1.2. The headline feature of 2.1 is securing simple pairing (SSP): this improves the pairing experience for Bluetooth devices, while increasing the use and strength of security. 2.1 allows various other improvements, including "Extended inquiry response" (EIR), which provides more information during the inquiry procedure to allow better filtering of devices before connection and reduces the power consumption in low-power mode.

Enhanced Data Rate (EDR) is for faster data transfer. The nominal rate of EDR is about 3 Mbit/s, although the practical data transfer rate is 2.1 Mbit/s. EDR can provide lower power consumption through a reduced duty cycle.

To start pairing with other Bluetooth device:

1. Tap Start  select settings and then tap Bluetooth. Select add to search Bluetooth.
2. S430T will search all available Bluetooth devices nearby



## Chapter 5: Using the Camera

To open camera function:

1. Start  menu > pictures & Videos.
2. Tap camera icon to open camera application
3. In camera mode, tap  and press Enter button to take picture.
4. To change it into video mode, please tap Menu on the bottom part and choose Video
5. In the menu list user can set Mode, Brightness, Resolution, White Balance, Flash and Options



## Chapter 6: Accessories

### S430T Standard Accessories

Standard Accessory	Part Number	Details
Universal Adapter	9220015W05V0	Input : AC 100-240V Output : 5V-3A
Mini USB Cable	9487047050P0	Provides power to the S430T and USB communication with a host computer
Hand Strap	9B0000000256	Provides an ease of use interface for managing the Bluetooth
Micro SD Card	76G004300000	4GB Micro SD Card
Quick Start Guide		

### S430T Optional Accessories

Optional Accessory	Part Number	Details
Micro SD Card		Provides capacity size from 8-32G
Vehicle Adapter	9260005W05V0	Input 5V DC cigarette lighter socket USB car charger
Stand mounting kit	98K000A0001G	Fix the S430T
Bluetooth printer	9B0000000266	<ul style="list-style-type: none"> <li>• Mobile thermal receipt printer</li> <li>• Quick and efficient printing</li> <li>• Withstands drop up to 1.2 m</li> <li>• Long lasting battery</li> <li>• Supports wireless communication</li> <li>• Easy to store setup parameters</li> </ul>
Stand docking	98K000A001G	1 x DC Jack 1 x Mini USB PC Sync 5V Charge
Standard Spare Battery	320403704001	3.7V , 5000mAh
Touch Stylus	9B0000000329	For Windows CE/ Mobile Resistive 75mm-105mm PenPoint Ø2mm, Body Ø4mm
Mobile Power Station	9A0000000222	5V / 9V / 12V DC Out Capacity : 12000 mAh / 3.7 V