



HRT 700

USER GUIDE

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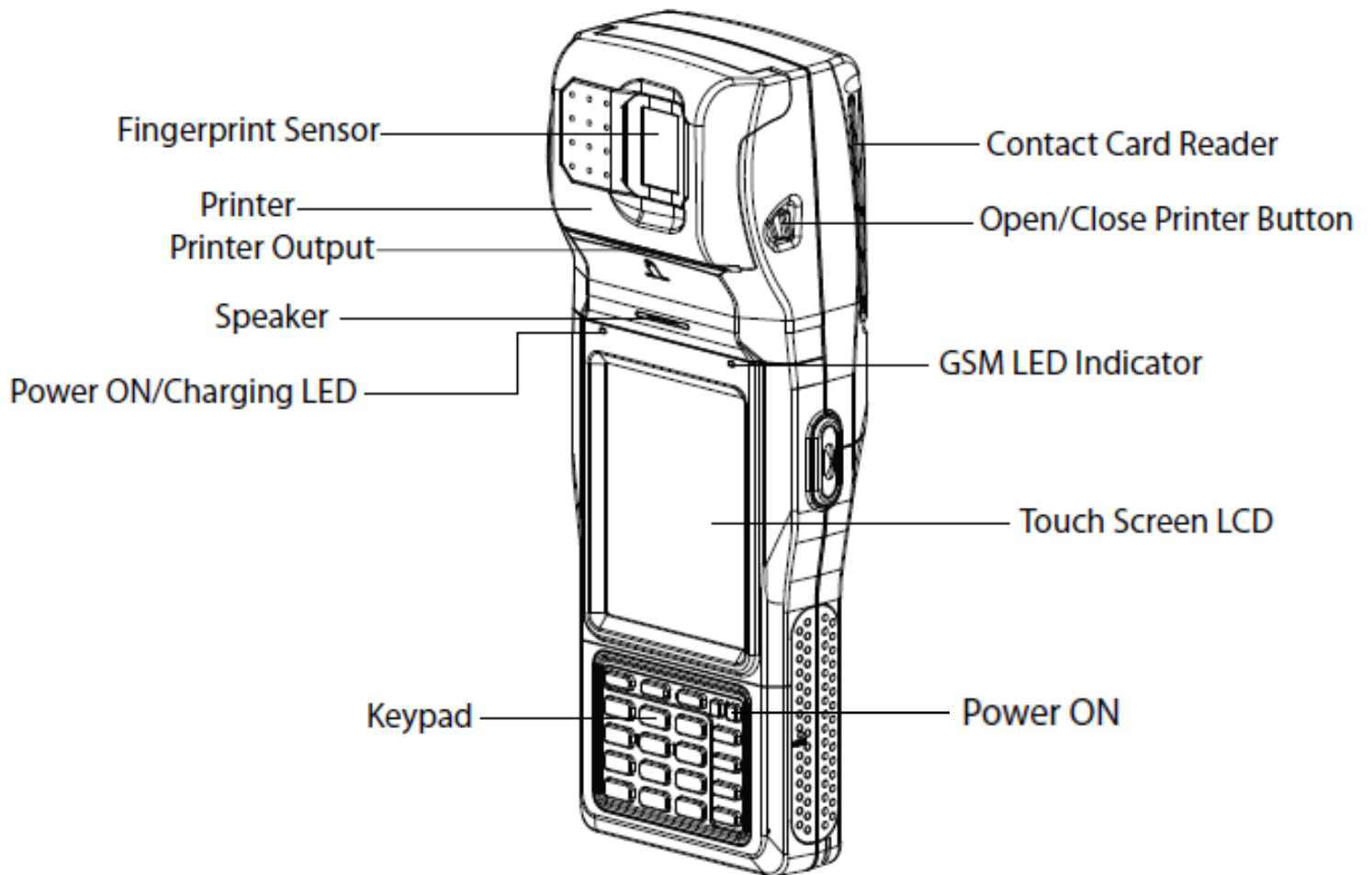
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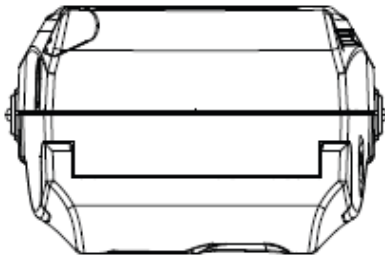
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Knowing Your Device

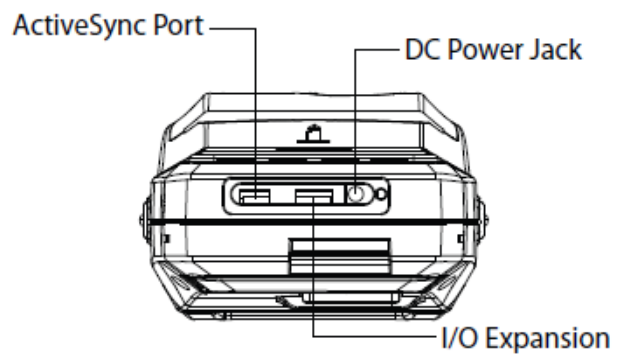
FRONT



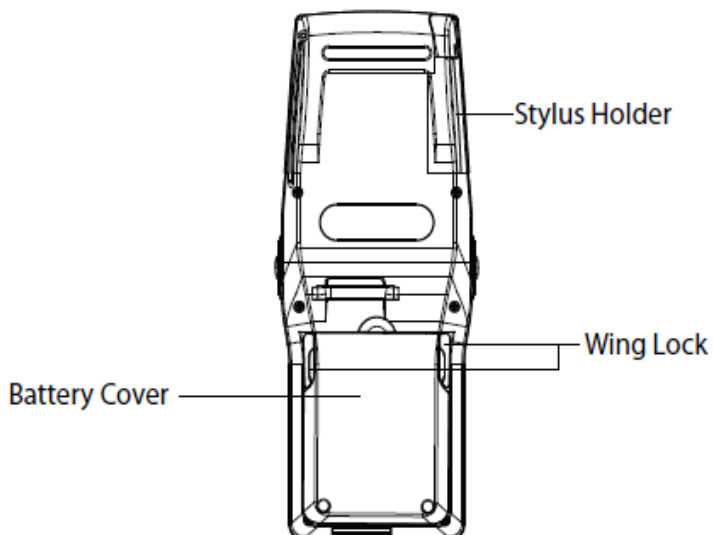
TOP



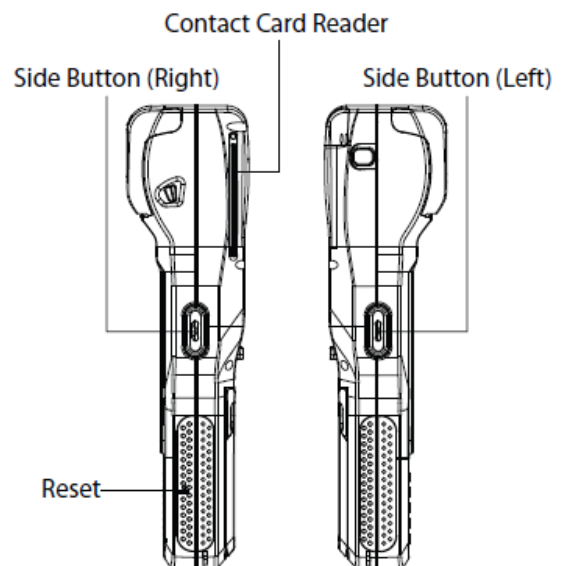
BOTTOM



BACK



SIDE



Device Specification

SYSTEMS

Memory	256MB DDR-2 RAM, 4GB Flash
Memory Expansion	1 x micro-SD Memory Slot (Support up to 32GB)
Device Operating System	WinCE 6.0
Host PC Operating System	Windows® 7/ Vista/ XP
Programming Language	C++ Programming, NET Programming in Microsoft® Visual Studio 2005

COMMUNICATION INTERFACES

Bluetooth	Bluetooth Version 2.0
Wireless LAN	IEEE 802.11 b/g Wi-Fi
Network	3.5G - W-CDMA, 850,900, 2100 MHz GSM/ GPRS/ EDGE (1 X SIM Slot)
USB	USB Client 1.1 (ActiveSync)

HUMAN INTERFACES

Display	3.5" (480x640) Transflective TFT Colour Touch Screen
Keypad	12 Alphanumeric Buttons, 3 Function Buttons and 1 Power On/Off Button
LED	1 x Power Status, 1 x Network Status, 1 x Charge status
Speaker	Built-in Mono Speaker

POWER

Battery	7.4V 1850mAh Li-ion Battery
Operating Time	4 - 6 Hours

MECHANICAL

Dimension (LxWxH) mm	Standard Model
Weight	Less than 500g

ENVIRONMENT

Operating Temperature	-100c to +500c
Storage Temperature	-200c to +600c
Humidity	5% to 90% RH, Non-condensing
IP Rating	IP65 (Dust & Water Resistance)
Drop Test	1.5m

FINGERPRINT SENSOR

Sensor	Optical sensor
Resolution	500dpi
Active Area (mm)	14 x 22
Supported Template	Sagem Algorithm
Template Formats	Morpho Proprietary, ISO 19794-2, ANSI/ INCITS 378, RAW/Bitmap, WSQ (Optional)

CONTACT CARD READER

Standard	ISO/IEC 7816 Part 1, 2, 3, (T=0, T=1)
Card Slot	1 x ID-1 Card Slot 3 x ID-0 SAM Slots
Communication Speed	9.6 kbps up to 115.2kbps
Card Type	Class A & B

PRINTER

Standard EADER	Integrated 2" Thermal printer
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Basic Installations

Charge the Battery

Your battery has been partially charged at the factory, but you may need to recharge it for 4 hours before you can switch on your device for the first time.

Guideline for Installing SIM/SAM card

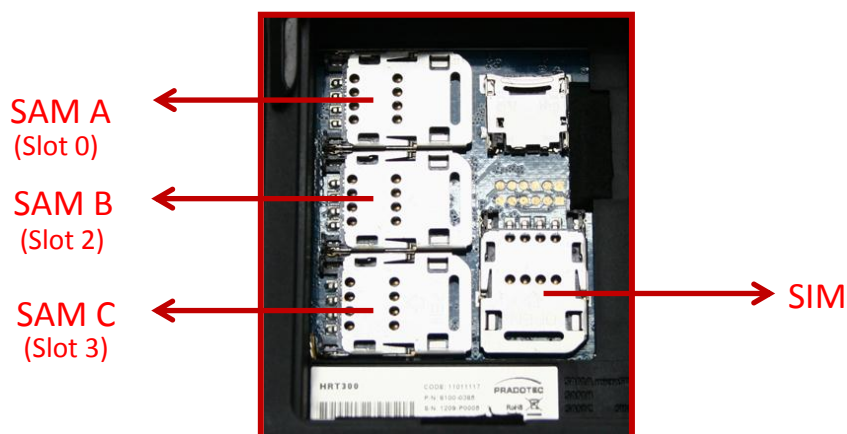
When you subscribe to a Cellular Network, you are provided with a SIM card loaded card loaded with your subscription details (PIN, optional services available and etc).

WARNING

- *Keep all SIM cards out of the reach of children.*
- *The SIM card and its contacts can be easily damaged by scratches or bending.*
- *Be careful when handling, inserting or removing the card.*
- *Before installing the SIM card, always make sure that the HRT700 is fully charged as the application will not work properly with insufficient amount of power.*

To insert the SIM card

- 1) Firstly closed all the programs and switch off the unit
- 2) Removed the hand strap
- 3) Unlock both wing lock
- 4) Removed the Battery cover
- 5) Removed the Battery pack
- 6) Unlock the SIM Slot and pull back the cover until easy for insertion.
- 7) When inserting the SIM card, ensure that the cut corner faces top right and the gold contacts of the card face into the unit



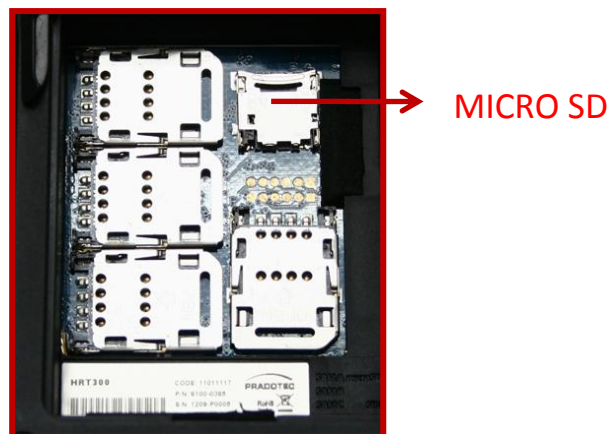
- 8) Push down the SIM slot cover and slide outward to lock it
- 9) Place the battery pack followed by battery cover
- 10) Push the wing lock to secured the battery cover and finally install back the hand strap

To insert the SAM cards

- 1) It will be the same as inserting the SIM card, but on the others three slots
- 2) SAM card is for internal security

Guideline For Installing Micro SD Card

- 1) Firstly closed all the programs and switch off the unit
- 2) Removed the hand strap
- 3) Unlock both wing lock
- 4) Removed the battery cover
- 5) Removed the battery pack
- 6) Unlock the Micro SD slot and pull back the cover until easy for insertion.
- 7) When inserting the Micro SD card, ensure that the gold contacts of the card face into the unit



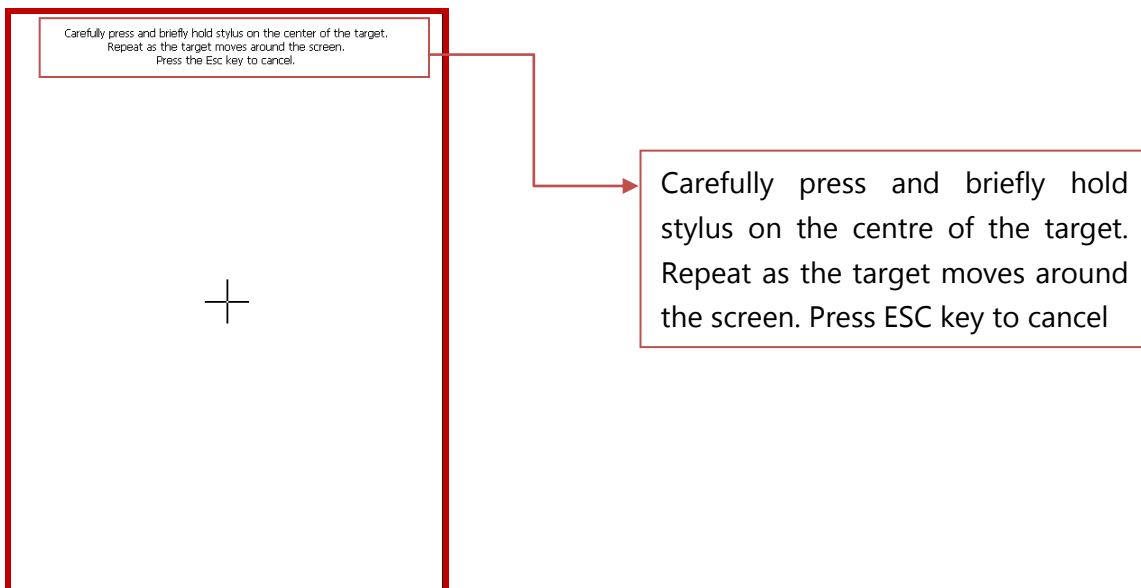
- 8) Push down the Micro SD slot cover and slide inward to lock it
- 9) Place the battery pack followed by battery cover
- 10) Push the wing lock to secured the battery cover and finally install back the hand strap

First Time Use

Screen Calibration

Once the charging has completed, turn on the unit by pressing the power button.
On the first time basis, it is advisable to calibrate the screen by going to:

Start -> Settings -> Control Panel -> Stylus.

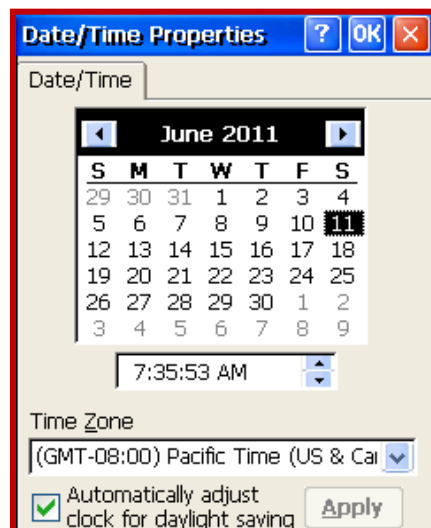


Follow the cursor and tap on it. After this, Time, Date and Time Zone configuration screen will be required to be set as the default time, date and time zone differ from places to places.

Time, Date and Time Zone configuration

Go to **Start -> Settings -> Control Panel -> Date/Time.**

"Time, Date and Time Zone configuration" application will be shown as below.



Touch Screen Operations

The following defines the various operations that you can perform with the stylus.

Tap	Touch the screen once with the stylus to select items or options
Double Tap	Tap the item twice to open or execute a program
Drag	Hold the stylus on the screen and drag across the screen to select text and images. Drag in a list to select multiple items

Using the Stylus

Data input and virtually all other operations are performed using a stylus, which is housed inside the stylus holder at the right corner (left corner) of the HRT700.

IMPORTANT

- *Avoid misplace or lose the stylus by always storing it in the stylus holder when not in use.*
- *Avoid breaking the tip of the stylus.*
- *Use only the stylus that comes with the HRT700, or some other stylus type instrument with a soft, blunt point to perform touch screen operations. Never use a pen, pencil, or other sharp writing element.*

Start Menu

Your HRT700 is pre-installed with a collection of useful programs. These include Microsoft WordPad and customized programs. You can select the program you want from the Start button or by tapping on the screen; a list of customized programs will be shown.



Taskbar Items

The Control Panel includes the following standard items which allow user to customize system wide properties.

Status Icon

Meaning



Start Menu, Tap to switch to a program



Indicate unit connected to PC ActiveSync



Batteries are charging



Batteries are fully charged



Batteries are low



Tap for display or hide keyboard, tap and hold to choose other input method



Quick launch menu



Current Keypad Input method

Shell taskbar

The taskbar appears on the top of your HRT700 screen.



1	Start button	Single tap to display the Start menu
2	Active application	Display the latest application running
3	Left	Single tap to see the hidden icon on the left
4	Direct Connection	Double tap to execute the direct network status dialog
5	WI-FI Connection	Double tap to execute the WI-FI network setting
6	Keypad Input Method	Single press on the 'ALPHA' to change mode of input by keypad <i>Numerical (1) , Small Alphabet (a) , Capital Alphabet(A)</i>
7	Bluetooth Network	Single tap to execute Bluetooth network setting
8	Power icon	Single tap to display the power status on your HRT700
9	Right	Single tap to see the hidden icon on the left
10	Time	Single tap to display the time, date and time zone menu
11	Software Input Panel (SIP)	Single tap to display or hide the Keypad
12	Application switching	Single tap to display all the active application

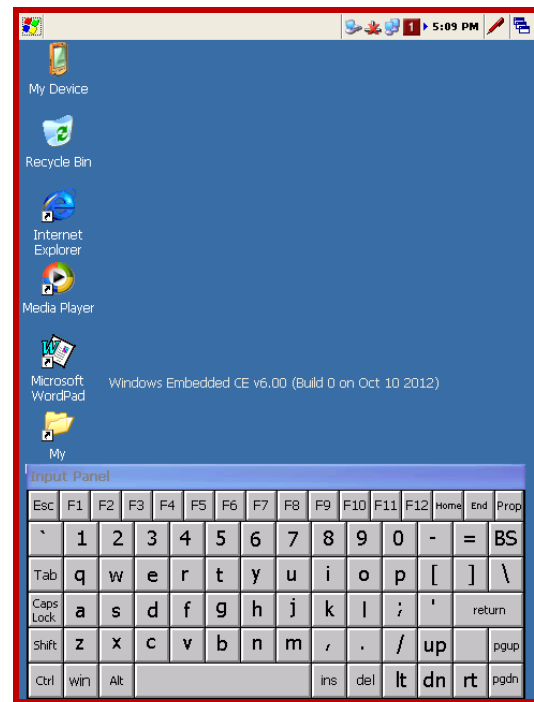
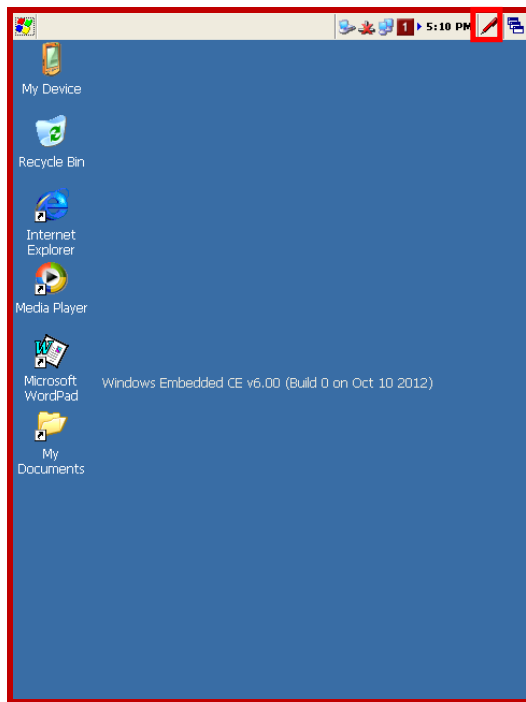
NOTE:

- An internal battery icon appears in the status icon. See Taskbar Item for more information about icons.
- Messages also appear on the screen to warn you when the battery power is critically low.

You can check the current battery level at any time by tapping **Start -> Settings -> Control Panel -> Power** to display Power Properties.

Software Input Panel (SIP)

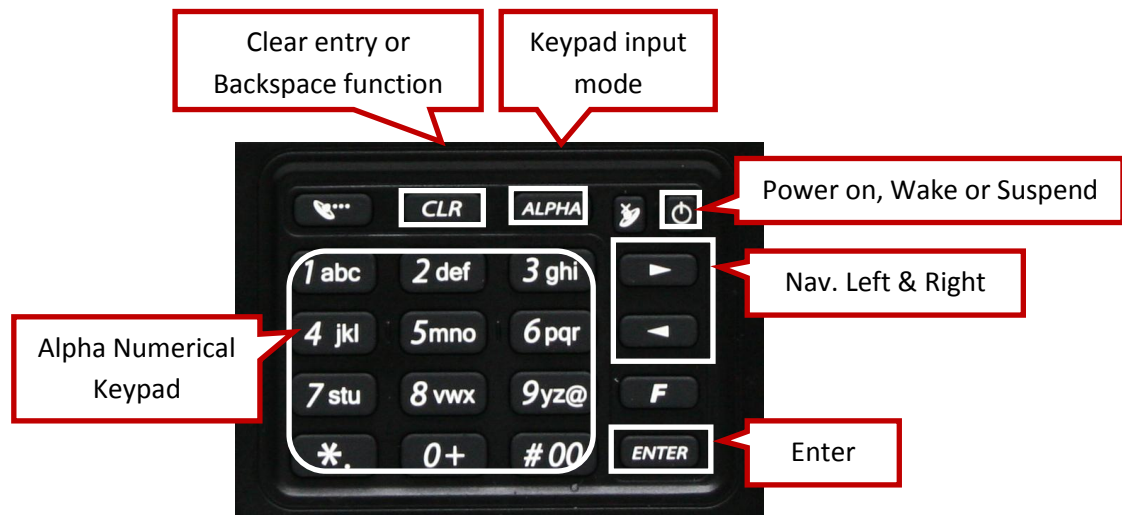
On the taskbar of the HRT700, tap on the SIP icon. The software input panel will be shown at the bottom of the screen. Tap on the SIP icon again in order to hide the software input panel.



Keypad

Learning to use your keypad is easy. This section will describe the basic concept of using the keypad in writing a message or executing a task like increasing volume.

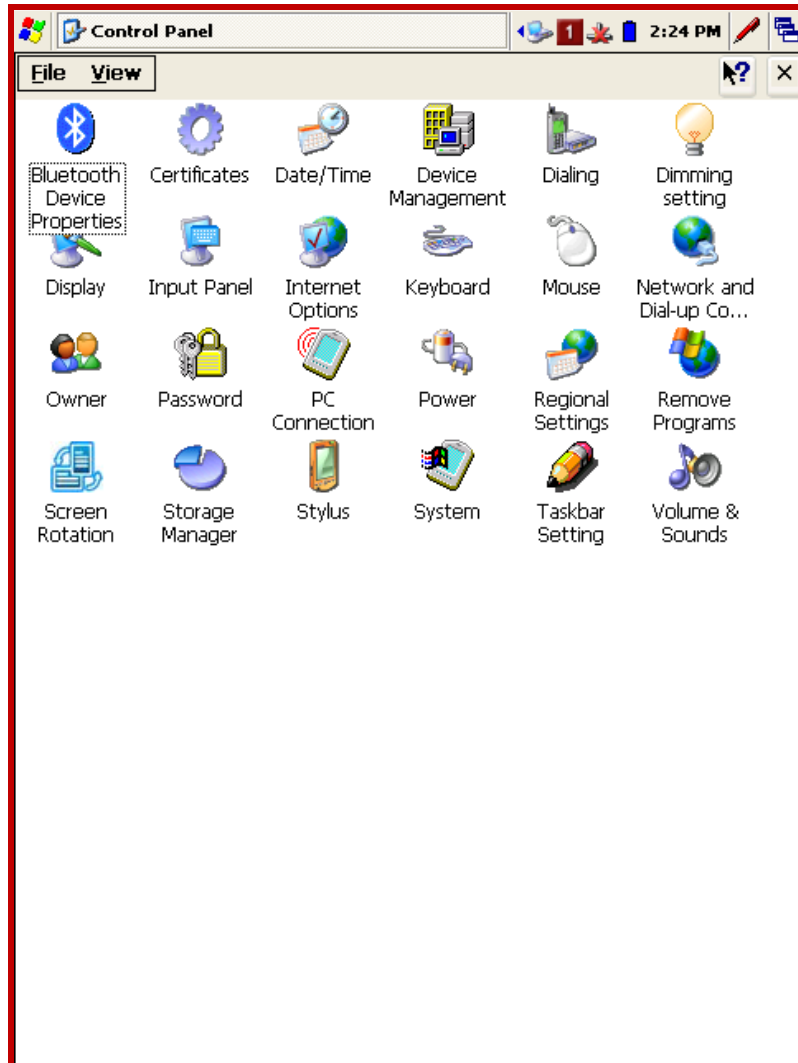
Controls and Interfaces



- **Nav. Left & Right**
Press to go to the left or right. Selecting the left or the right item / icon.
- **Enter button**
Pressing it will perform enter function or skip to the next line when writing.
- **Power button**
Press once to turn on / suspend the device. User may wake up the device by pressing it too
- **CLR**
This button allows user to clear entry or use as backspace function.
- **Alpha numerical keypad**
It will act as numerical keypad when toggle function is OFF. Once ON, you can key in any character just by pressing and holding on the button until the character appears.
- **Alpha button**
Press it to change the mode of entering characters by keypad. Sequences of the modes are numerical characters, lower-case alphabets then upper-case alphabets.

Customizing your HRT700

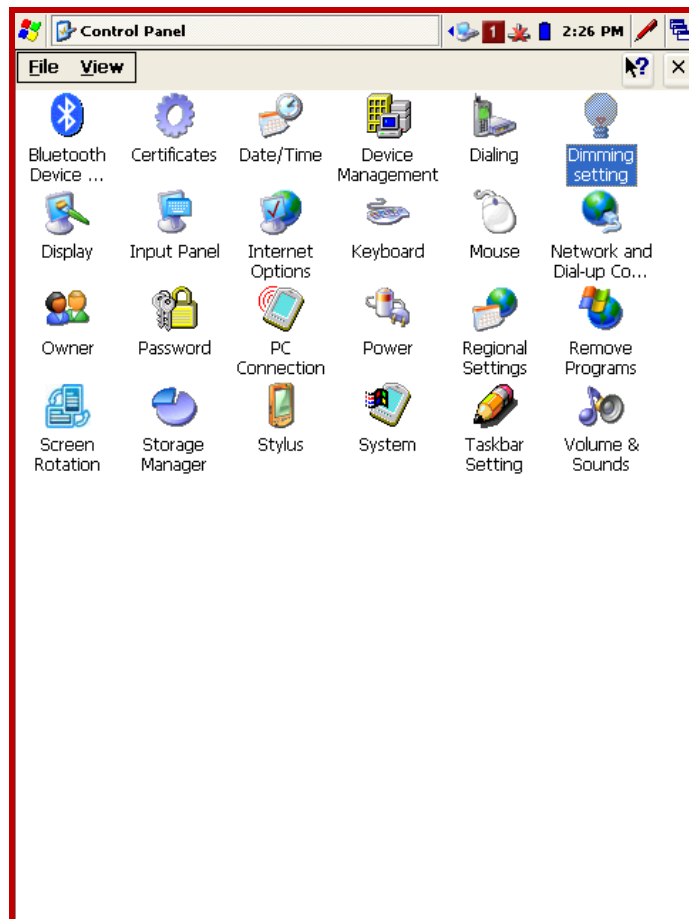
You can customize your setting of your HRT700 to suit your particular needs. E.g. Setting password, so that nobody can use your handheld or change the background display and etc..



Tap on **Start -> Settings -> Control Panel**, as shown on the previous page. In the menu, it contains icon showing different settings that can be customized.

LCD Brightness Control

The unit can be powered by either battery or external power. Users may change the brightness of the LCD backlight through the backlight control panel applet according to the power mode.



Adjusting Display Brightness

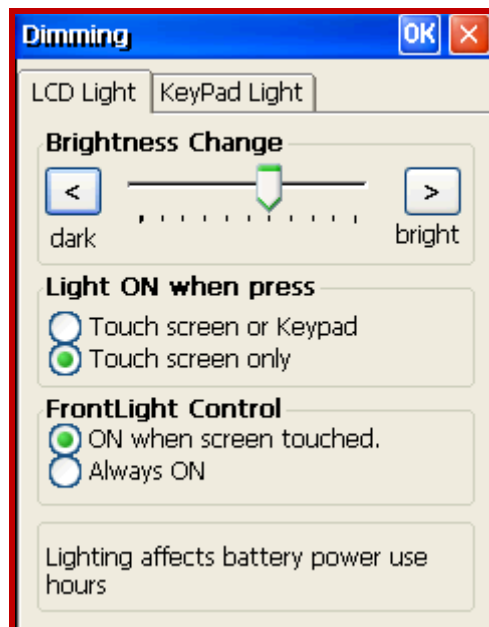
Use the following operations to adjust display brightness to make it easier to read.

Tap  and click **Settings** and choose **Control Panel**. On the **Control Panel**, tap **Dimming Setting**. A screen box will appear. Make sure it is on the **LCD Light** tab. Tap the **dark** or **bright** tab to control the brightness of the screen.

Adjust How the Screen Light can be Turned On

Tap  and click **Settings** and choose **Control Panel**. On the **Control Panel**, tap **Dimming Setting**. Select the **LCD Light** tab. Below the Brightness Change option, there is two more option for screen light setting.

Select **Touch screen or Keypad** in order to turn on the light of the LCD by touching either the touch screen or keypad, or select **Touch screen only** to turn on the light of the LCD by touching the screen only. On the option below, choosing **ON when screen touched** is to let the light to be off after certain time and turn on when the device is touched while choosing **Always ON** is to let the light never off until the device is suspended.



Keypad Light Control

Adjust Light Emitting Duration for Keypad

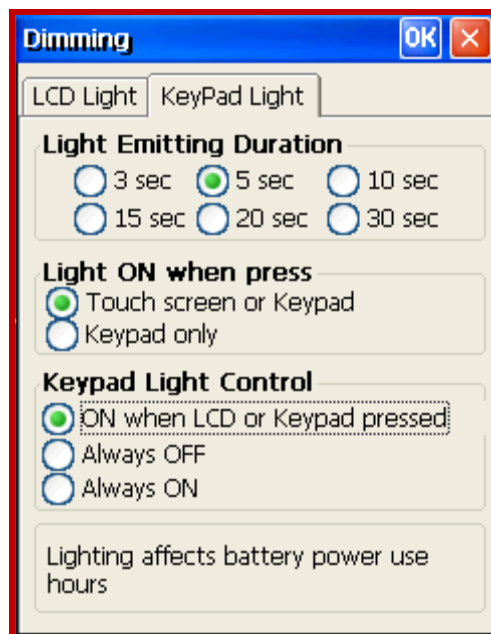
Tap  and click **Settings** and choose **Control Panel**. On the **Control Panel**, tap **Dimming Setting**. Select the **KeyPad Light** tab. Select duration from 3 seconds to 30 seconds, as after that selected duration, the keypad light will be off.

Adjust How the Keypad Light will be Turned On

Tap  and click **Settings** and choose **Control Panel**. On the **Control Panel**, tap **Dimming Setting**. Make sure the **KeyPad Light** tab is selected. Select **Touch Screen or Keypad** for turning on the light of keypad by touching either the screen or the keypad or select **Keypad only** to turn on the light of keypad by touching on the keypad itself.

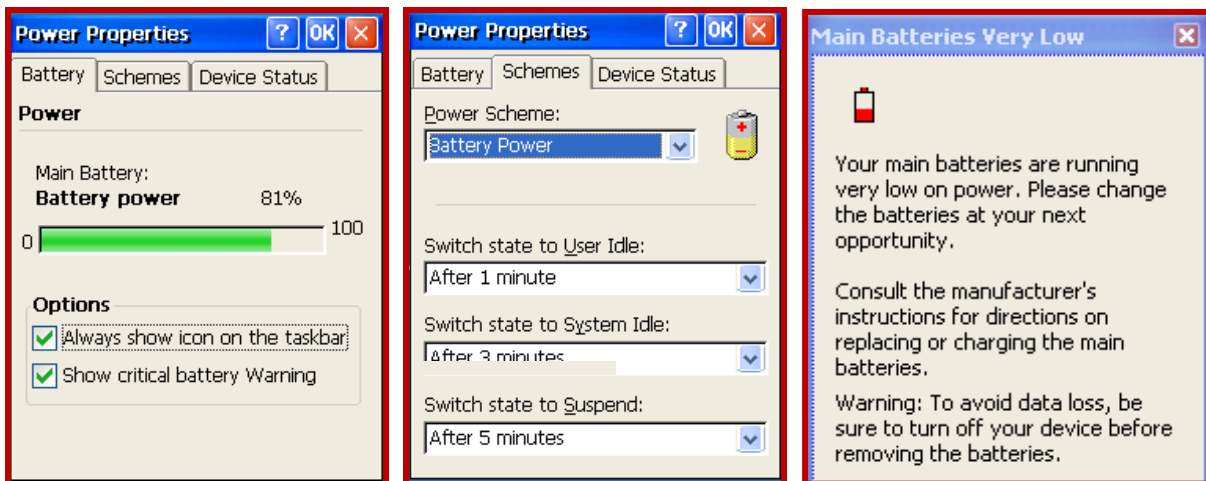
Adjust the Keypad Light Control

Tap  and click **Settings** and choose **Control Panel**. On the **Control Panel**, tap **Dimming Setting**. Make sure the **KeyPad Light** tab is selected. Select **ON when LCD or Keypad pressed** to enable the previous option. Select **Always OFF**, the keypad light will be turned off the entire time else select **Always ON**, the keypad light will be turned on entire time until the device is suspended.



Power

User may check the power status of the main battery by clicking on the power icon. In the power properties menu, for the **Battery** tab, user may check on the option to **Always show icon on the taskbar**. Another option that user may check on is to **Show critical battery Warning**, which means a window will be popped out when the device is low battery.



System Power States

The OS have **4 different power states** that will be the four states of the internal power manager state machine. The state transition will be linked to system conditions:

- User activities
- System activities
- Application requests
- Timers

The four states are:

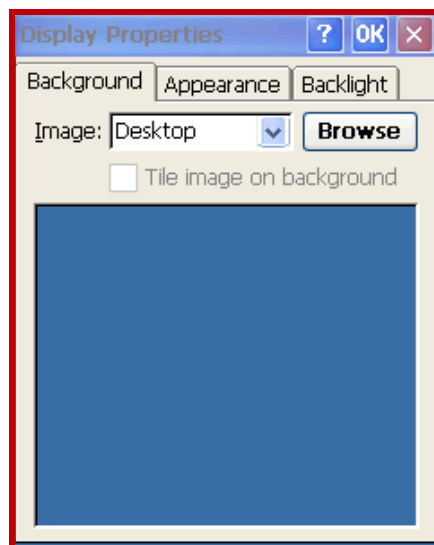
- **On** - In this state the device is full active and user can use all the different peripherals, and by consequence the current consumption is maximum
- **User Idle** - This state is reach when user is not using the device after a time out, the power consumption can be reduced by, for example, decreasing the display backlight intensity and disabling peripherals.
- **System Idle** - after application inactivity, the power manager switch to this state.
- **Suspend** - in this state the device is consuming the less power as possible, but the device cannot be used, the processor clock is decreased (or turned in a suspend state if supported), the peripherals are usually turned off and the SDRAM is still refreshed.

The transition from On to User Idle and User Idle to Suspend is done after timer's expiration, those timers value can be setup through the control panel's Power applet to customize your device.

Display

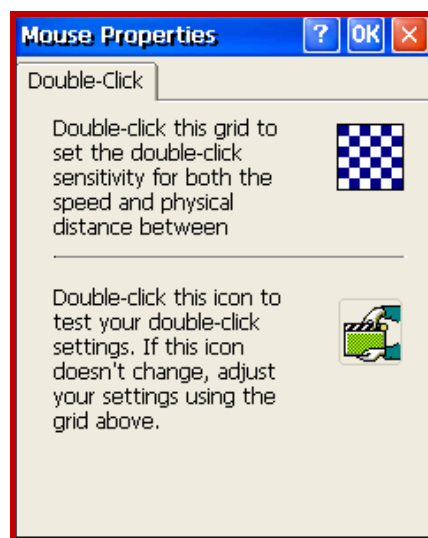
The resolution for the device is 640x480. User can customize the screen display by changing the picture on the **Display Properties**.

Or user may insert new picture just by transferring it from any personal computer. User may select the **Display Properties** by holding the pointer on the desktop, and then select **Properties** or go to **Start -> Settings -> Control Panel -> Display Properties**. User can tile desired image on the display property.



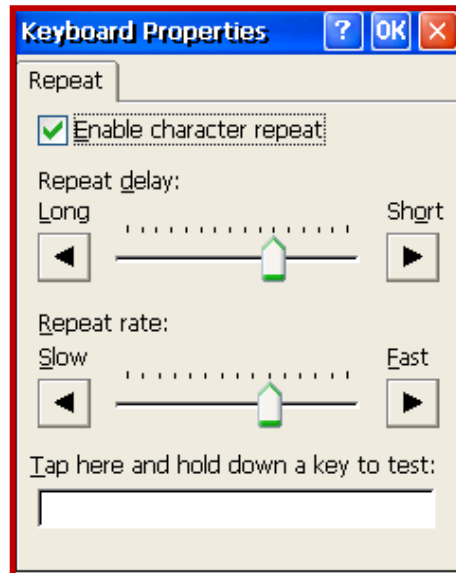
Mouse

On the **Mouse** Menu, user can set and test the sensitivity and speed of double clicking.



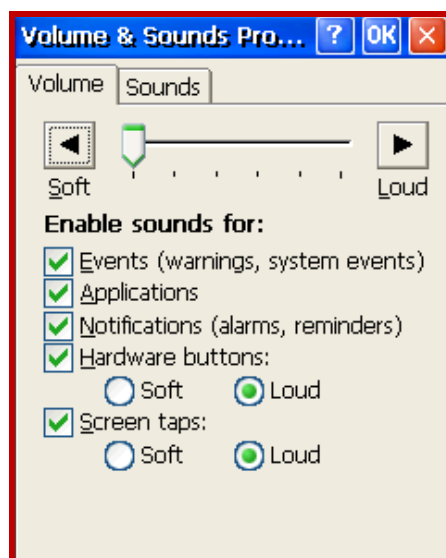
Keyboard

In the **Keyboard** Menu, you can set two things: repeat delay and repeat rate and an option to check on whether to **Enable character repeat** or not.



Audio Volume

When you choose the **Volume and Sound** properties, on the first page you can set the volume of the speaker and enable sounds for certain warning or applications. On the **Volume** tab, user can set the volume of the sound. When you click on Sound page, user can customize the window events' sound.



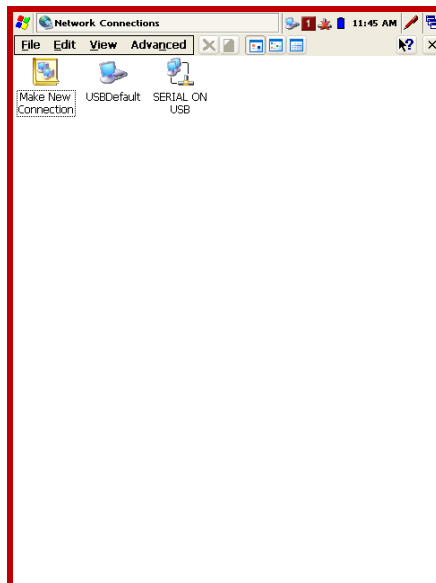
Stylus Properties

In this **Stylus Properties**, user can recalibrate the sensitivity of the stylus as well as checking on the mouse double-tap setting.



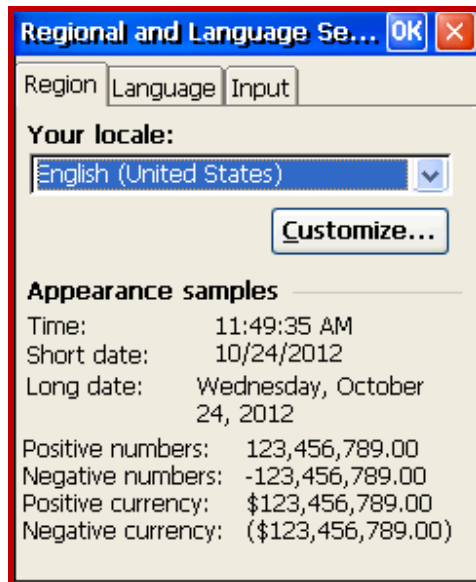
Network & Dial – Up Connection

When tapping on the **Network and Dial-up Connection**, a default connection will be created as "USB ActiveSync".



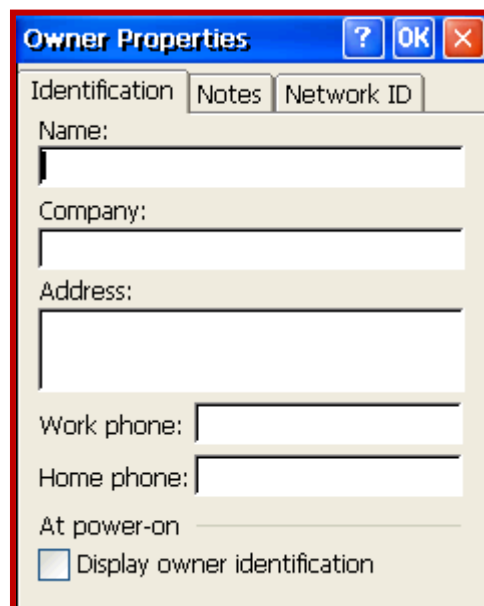
Regional Setting

On the **Regional Setting**, user can set your local, language, number, current time and date accordingly.



Owner Properties

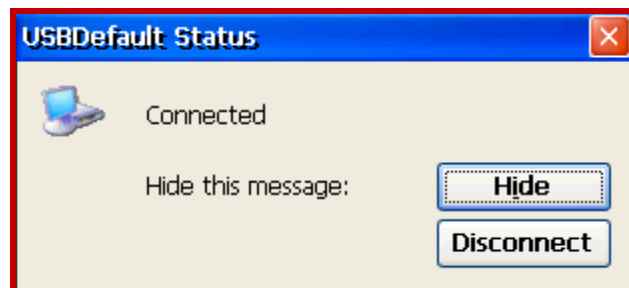
On the **Owner Properties**, user could insert their own personal information and network ID. This depends on user's preferences.



PC Connection

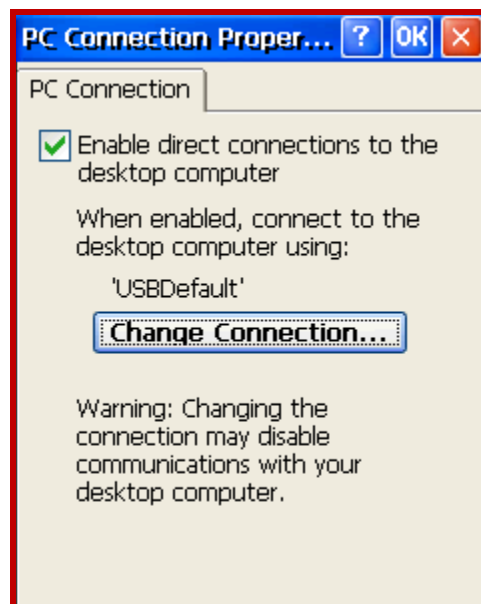
PC Connection is to enable the unit to directly communicate with personal computer or other communication devices. The default is set to USB ActiveSync. However, if there is more than one connection being created on the "Network and Dial-Up Connection", user need to change the connection setting before any of the communication devices can be linked, e.g. IrDA. To check the status of PC connection, user can go to

Start -> Settings -> Control Panel -> Network and Dial-up Connection -> USB Default.



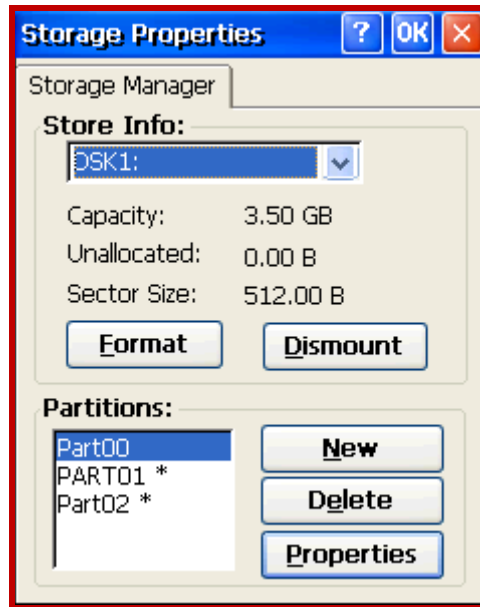
For the setting, user can go to

Start -> Settings -> Control Panel -> PC Connection.



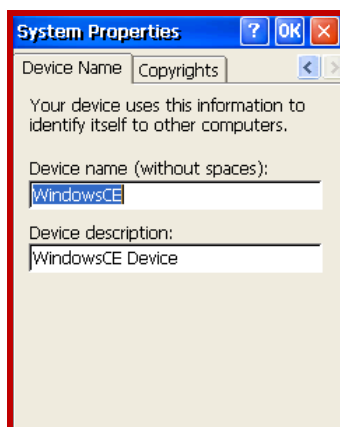
Storage Properties

Go to **Start -> Settings -> Control Panel -> Storage Manager**. In the **Storage Properties**, user can manage the storage by formatting it, dismounting it or create new partition on it.



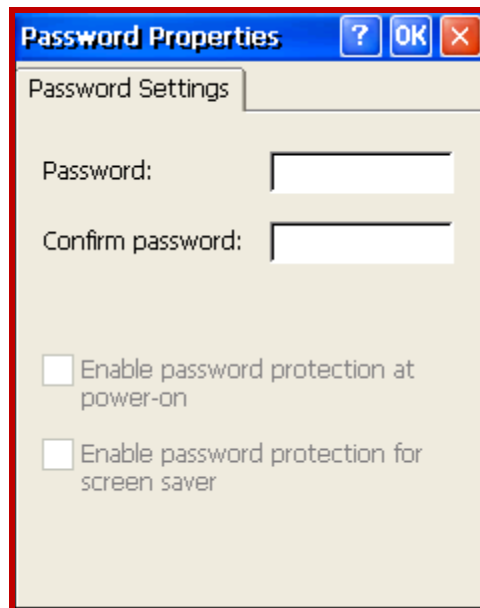
System Properties

In the **System Properties**, it will show the user the system information, device name and copyrights.



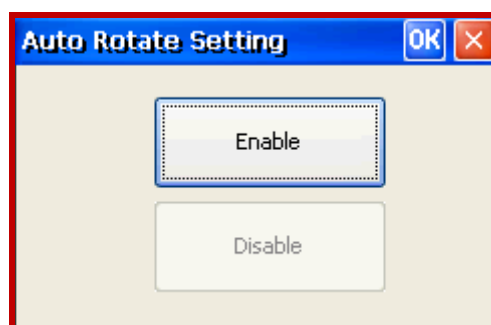
Password Properties

User can set the **Password** to maintain privacy or prevent people from reading the HRT700.



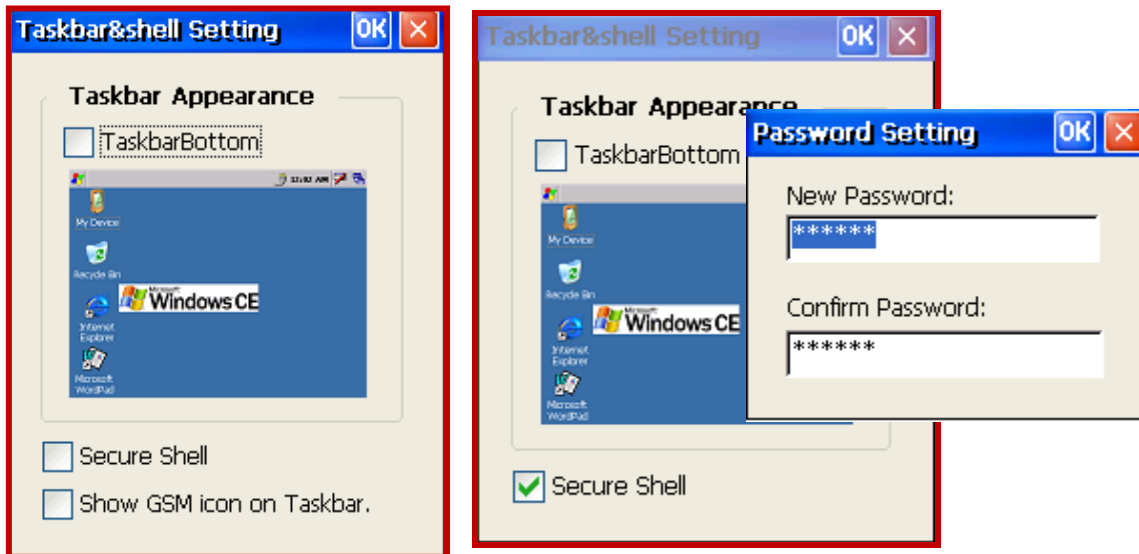
Screen Rotation

This feature allows user to rotate the screen display. It is useful for viewing landscape picture.



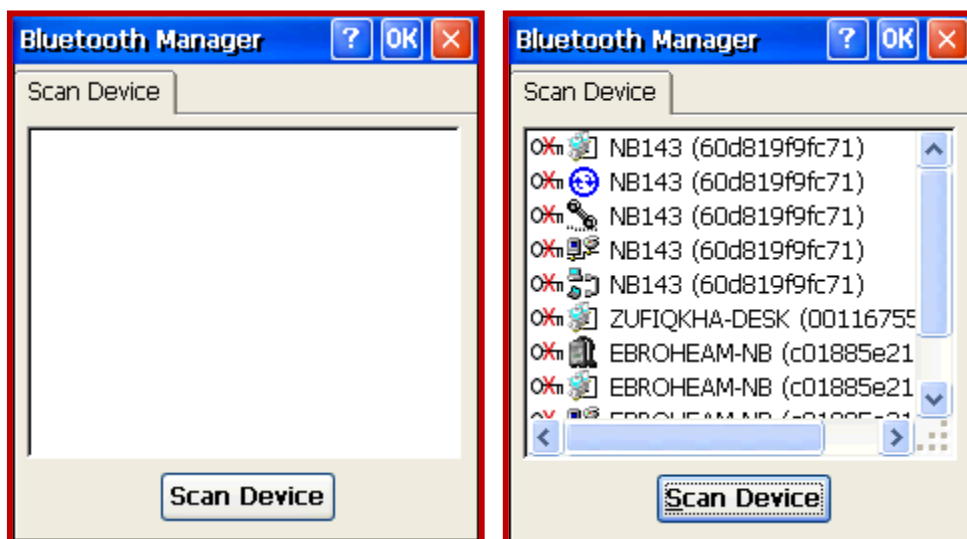
Taskbar & Secure Shell

Allow user to set the **Taskbar and Secure Shell** feature. Secure Shell enables user to control accessibility of Control Panel. The default password is "123456".



Bluetooth Device Properties

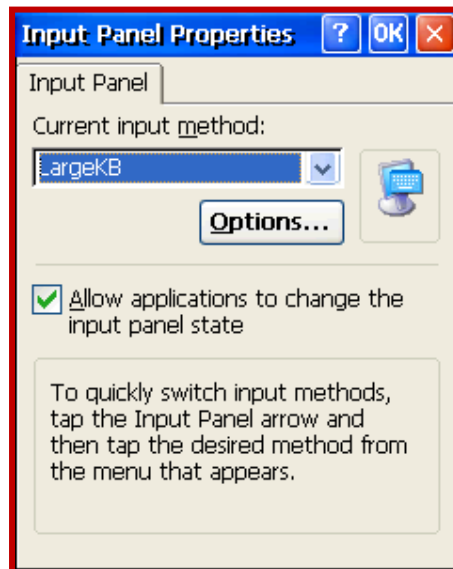
Allow user to scan and pair with connecting Bluetooth devices. The HRT700 Bluetooth feature must be turn on for it to scan. For turning on the Bluetooth, please refer to the manual below.



Input Selection Panel

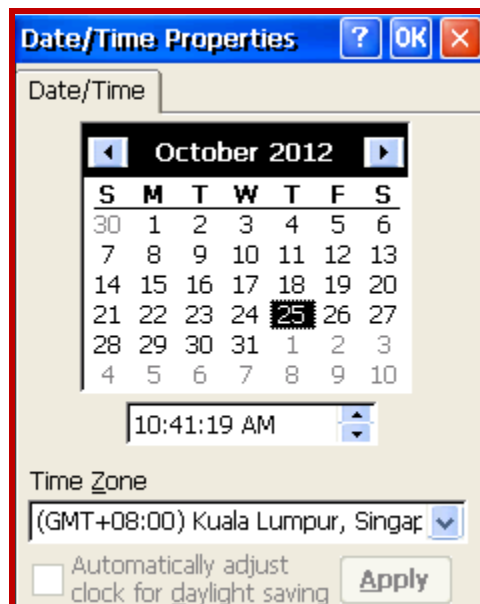
Allow user to change current Input Panel state: Large KB.

Single tap on the SIP at the taskbar will activate the input panel selection.



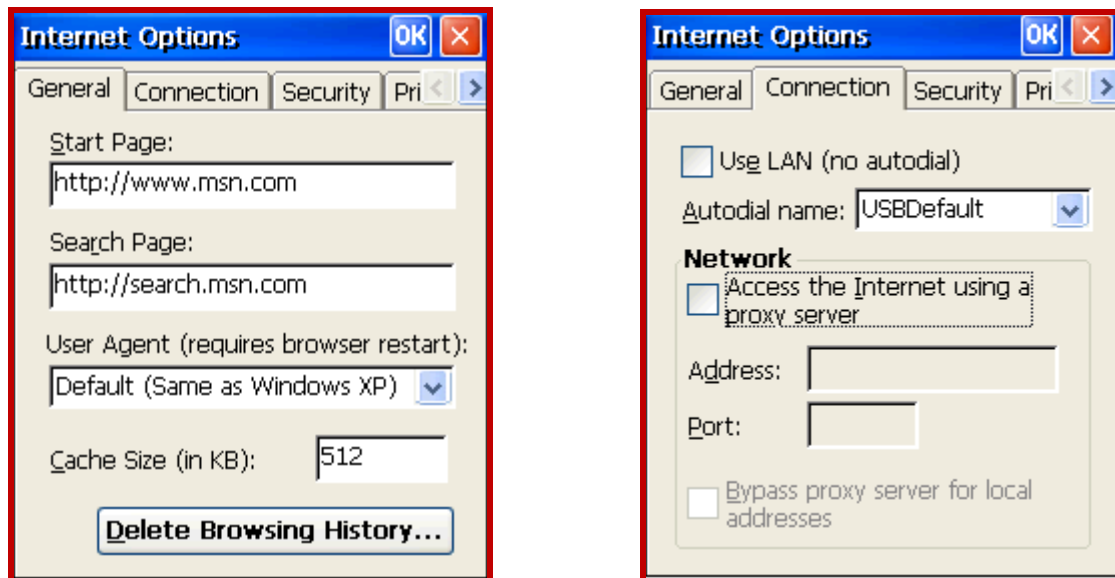
Date & Time Properties

Allow user to configure the date, time and time zone. It also comes with the daylight saving features.



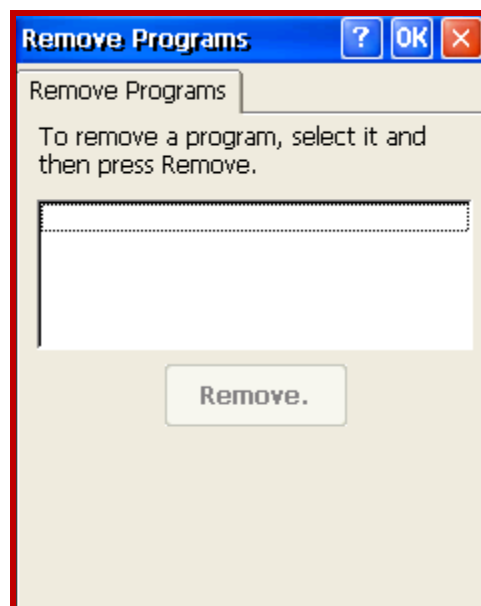
Internet Options

Allow user to configure the network connection setting and the default homepage.



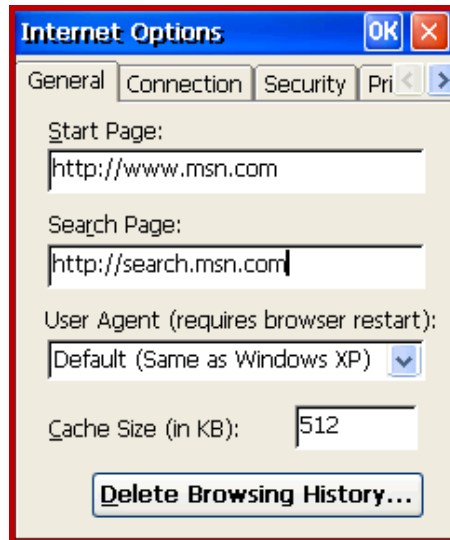
Remove Programs

Allow user to remove installed programs systematically.



Internet Explorer

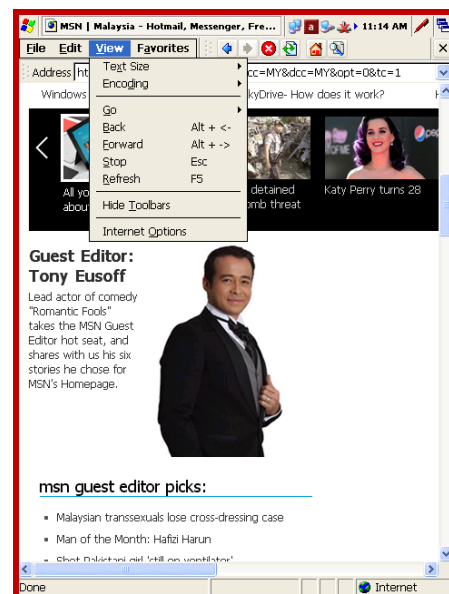
Internet Explorer makes it easier to get the most from the World Wide Web, whether you are searching for new information or browsing through your favorite Web sites.



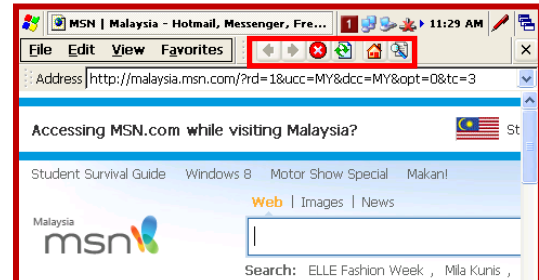
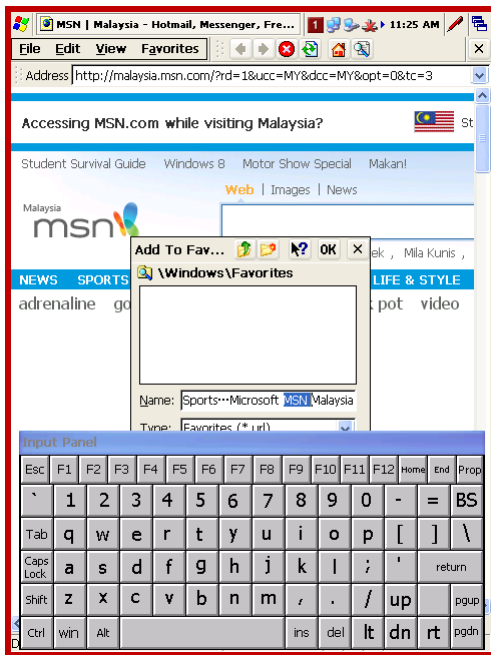
In the control panel menu, under the internet option, user may customize the appearance of the browser when the program is launched. User may also customize other options relating to connection, security and advanced.



The start page of Internet Explorer.



The View menu user has the option of limiting the taskbar to be shown and font size.



User could also go to a webpage, by typing the internet address – for example, www.PRADOTEC-GLOBAL.com.my in the address bar and then click the **Go** button. The **Back** and **Forward** buttons will enable user to return to the previous page or view the next page.

The **stop** button will enable user to stop viewing a page when the webpage is taking too long to open. When receiving a message that a web page cannot be displayed or to make sure you have the latest version of

On the Favorite menu, user may store and organize webpages that are used frequently by adding the shortcut in the Favorite list. User may also synchronize the list of favorite link in HRT700 with another desktop computer where changes can be made to either one. For more information on synchronization, see ActiveSync Help on desktop computer.

Features

Getting Connected

All the features and peripherals of HRT300 can be accessed and enabled by getting into the Power Control screen. The following pathway would lead the user to the Power Control screen.

Start -> Settings -> Control Panel -> Power Control

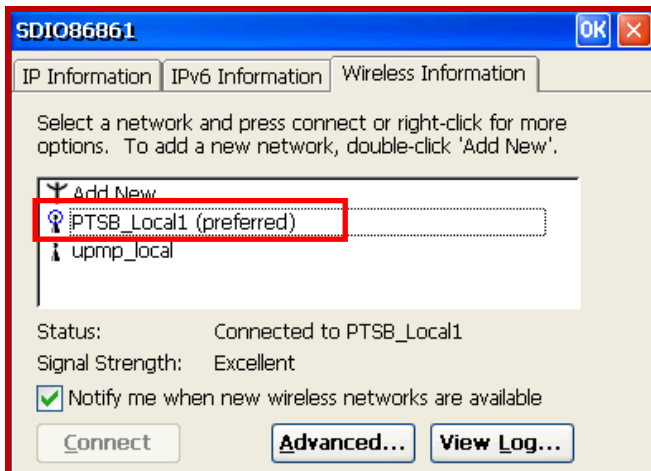
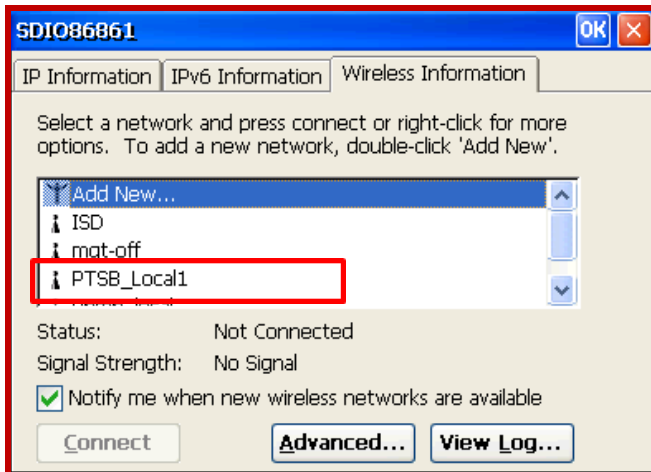
Wireless LAN (Wi-Fi) Usage

HRT700 has built in wireless LAN which enable user to access Internet by accessing available wireless provided at public areas, company or home. To access this feature, first turn it ON by following the instructions below.

Go to Power Control, press once on the icon to turn ON or turn OFF the Wireless LAN function. If the icon is red, then it is on the OFF status, or else if the icon is green, it is on the ON status.



The network icon will popped up on the shell taskbar. Double tap on the icon to configure the WiFi network properties. On the **Wireless Information** tab, check on the **Notify me when new wireless networks are available**. Select the preferable network, press **Connect** and a **Wireless Network Properties** window will be popped out. Enter the Network key if the network authentication is enable, else press OK.



The icon before the Network name will be changed; it shows that the device is connected to the network. User can check on the status and the signal strength.

Bluetooth Usage

Bluetooth Manager allows user to scan, pair and link with other Bluetooth devices. The Bluetooth feature of the device must be turned ON in order to do the scanning. For the steps on turning ON the Bluetooth feature, please refer to the manual below.

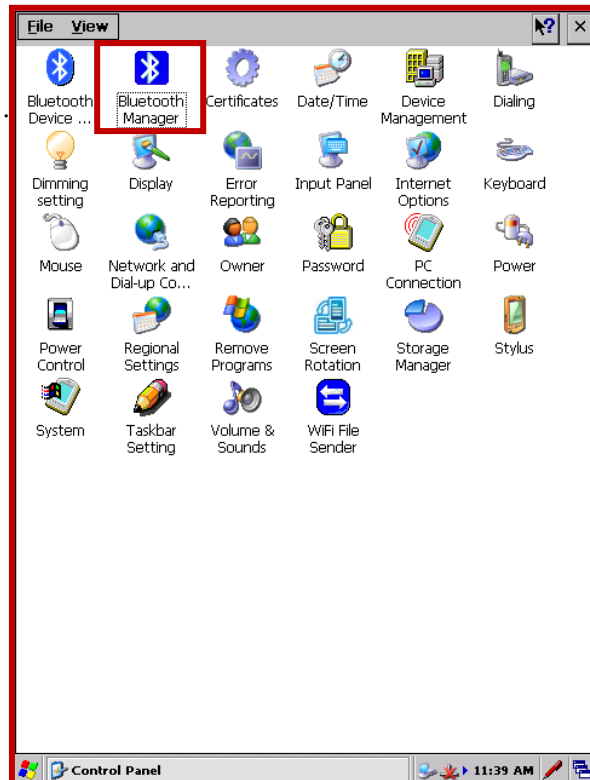
To access Bluetooth function, go to **Start -> Settings -> Control Panel -> Power Control** and press once on the **Bluetooth icon** to activate it. If the icon is green, which means it is turned ON, or else if the icon is red, it is turned OFF or inactive.



User may scan and pair with other Bluetooth devices such as mobile phones, PCs, laptops and etc.

In order to connect to another device, user needs to scan for the device first. Make sure the other Bluetooth device which wish to be connected is in the coverage.

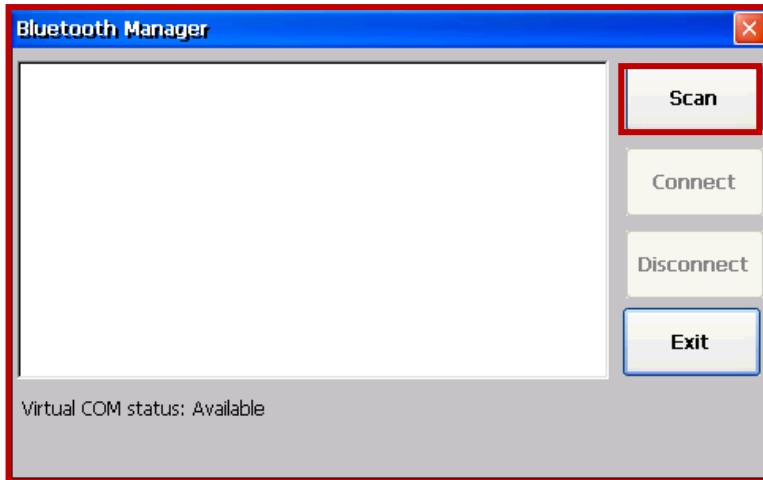
- 1) Go to **Start -> Settings -> Control Panel -> Bluetooth Manager**.



- 2) After that, an icon will appear at the taskbar.

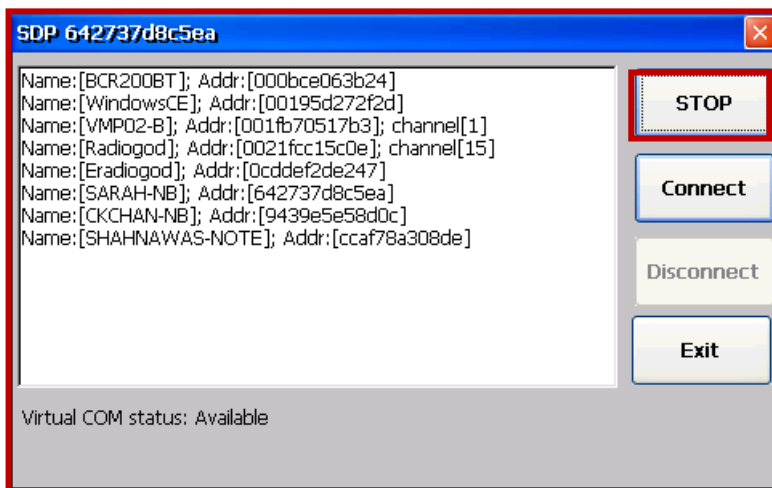


- 3) Single tab on the icon,  to continue
- 4) The Bluetooth Manager window will appear as below.



The device does not make any connection to any device

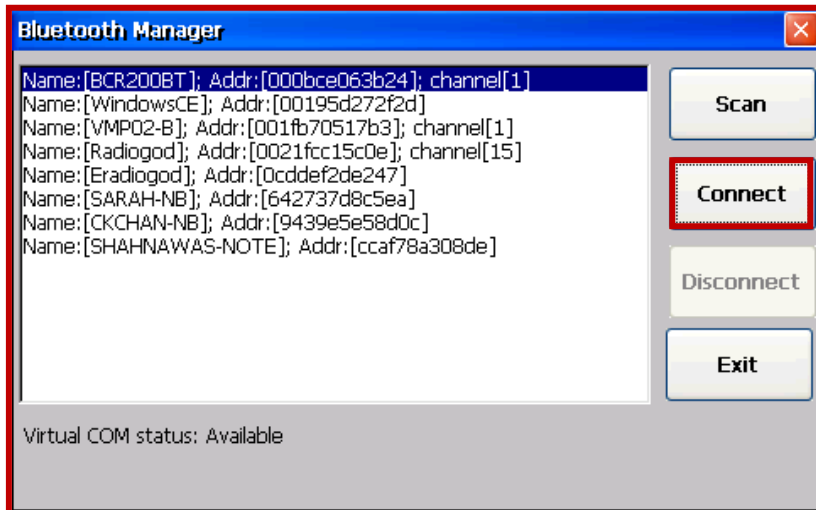
- 5) Make sure the device that wishes to be connected is at the coverage area. Press **Scan** to start scanning.
- 6) Press **STOP** if does not wish to continue scanning. Or else, wait until the scanning process to complete. **STOP** button will change back to **Scan** button after the scanning process is complete.



Wait for **STOP** to change to **Scan**, else the scanning process is incomplete.

It changes to **Scan**, which means the scanning process is completed.

- 7) Select the device that wish to be connected. Press **Connect**

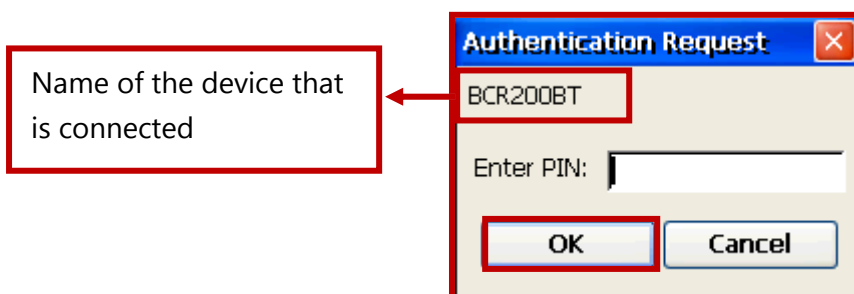


- 8) A Print UI window will be popped up if the channel is not stated. Insert channel between 1 to 30, less than 1 or more than 30 are bad channels. Then press **OK**.

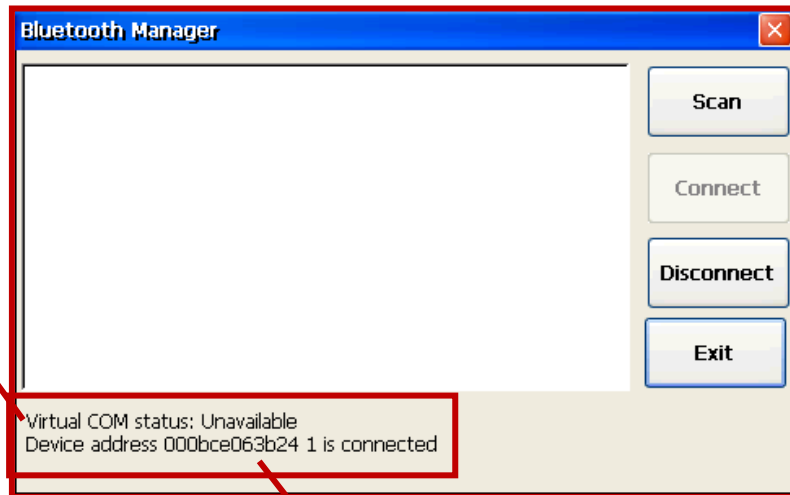


Channel between 1 to 30

- 9) An Authentication Request window will be popped up. Enter the same PIN for both devices. Once the device is successfully connected, a Success window popped up. Press **OK**, the dialog will be ended automatically but the icon on the taskbar remains.



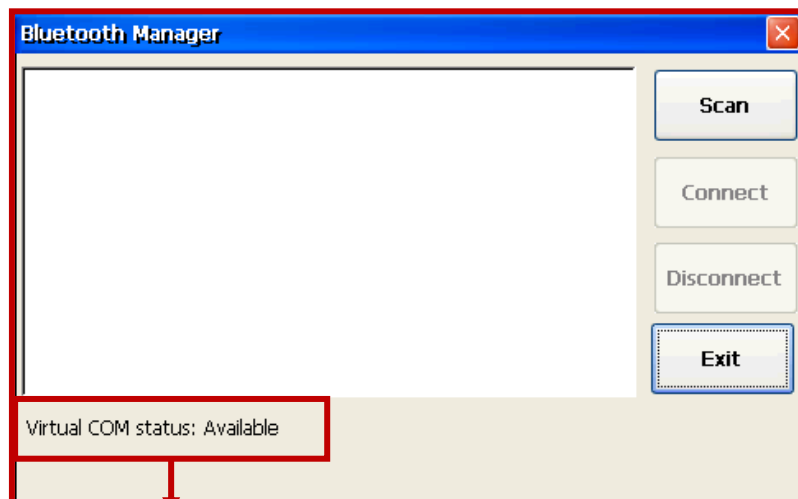
10) Click once on the **Bluetooth Manager** icon,  if wish to check on the connection.



Unavailable means that there is a device connected to this device by Virtual COM

This is the address and channel of the device that is connected to the device

11) Click once on the **Bluetooth Manager** icon,  to reopen the dialog. A device is connected to this device by Virtual COM. In order to connect with other device, this device needs to be disconnected with the current device to continue further. Press **Disconnect**.



Available, no device is connected to this device

12) Please make sure that the **Bluetooth Manager** icon remained at the taskbar. If the icon disappeared, launch the program again. There are few scenarios that the taskbar icon may disappear:

- **Exit** button is pressed. This will cause the entire application to close
- **Soft reset** button is pressed. All the running application will be exited.

13) If the device is suspended, make sure the **Bluetooth feature** is turned ON after turning on the device. Check if the **Bluetooth Manager** icon is available on the taskbar or not. Go to the **Start -> Settings -> Control Panel** to launch the **Bluetooth Manager**, if the **Bluetooth Manager** icon is unavailable on the taskbar. Once the **Bluetooth Manager** icon is available on the taskbar, you may perform any other Bluetooth application.



14) If soft-reset of the device is pressed, all the application is exited. First, turn ON the **Bluetooth feature** on the **Start -> Settings -> Control Panel -> Power Control**. Then, go to **Control Panel** and launch the **Bluetooth Manager**. Once the **Bluetooth Manager** icon is available on the taskbar, you may perform any other Bluetooth application. It will be connecting to the latest connected device before soft-reset and if the device is not disconnected.

15) The connection will remain until the device is disconnected or is being hard-reset, which is **Restored to factory setting**.

GSM Usage

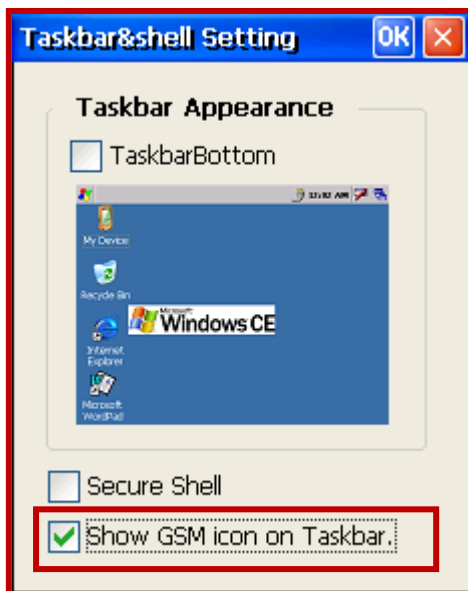
To access GSM function, go to **Start -> Settings -> Control Panel -> Power Control** and press once on the GSM icon to activate it.

Icon is Green – ON

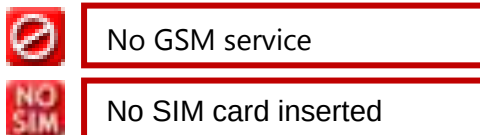
Icon is Red – OFF

The GSM status will be displayed on the GSM icon at the top right of the device.

First, in order to know the service and coverage of GSM, go to **Start -> Settings -> Control Panel -> Taskbar Setting**. Check on the **Show GSM icon on Taskbar**.



If there is no SIM card inserted into HRT700, there are two icons showing on the taskbar.





While the GSM module is configuring, this icon,  - GSM OFF will appear on the taskbar or while the SIM card is inserted but GSM module is not turned ON.



After the GSM module is configured, two new icons will be appearing on the taskbar. Both of the icons show the status of the GSM module of the HRT700.



2G Service



Coverage of GSM

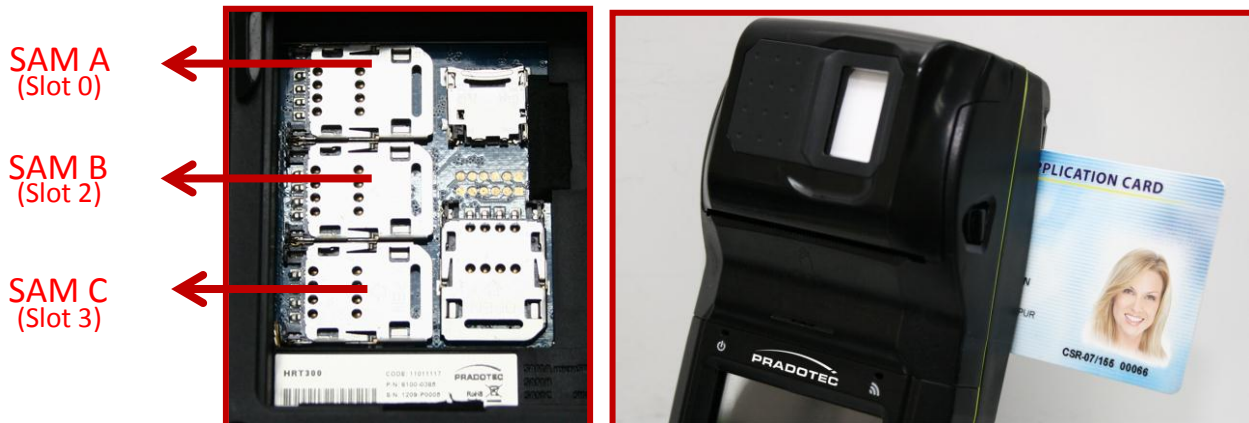
Empty means low while full means excellent



3G Service

Using the Contact Card Reader

1. There are 4 slots that are available. For smart card, user may insert the smart card into slot 1 which is located at the top most of the device.
2. Slot 0, 2 and 3 is specifically designed for SAM. These 3 slots are located at the back of the device, behind the battery.



Using the Fingerprint Sensor

1. When the optical finger print sensor is ready, the sensor window will light up.
2. Place finger on the centre of the finger print sensor window.
3. Wait and remove finger only when the light on the sensor is dimmed.



Using the Printer

1. Push down the Printer knob to open the printer cover
2. Unlock the printer cover and rotate the cover towards top side to open it. (A)
3. Place the paper roll into the housing as shown in figure (B)
4. Hold the extreme end of the paper roll by keeping a few centimetres of thermal paper out of the paper roller from the printer cover(C)
5. Ensure paper in its proper place and gently close the printer cover.

A



B



C



Appendix: Troubleshooting Guide

Reset the HRT700 and clear memory

To Reset the HRT700

If your HRT700 responds slowly, stops responding as expected, or “freezes”, try resetting it. A reset causes the HRT700 to restart and re-adjust its memory allocation.

Any unsaved data in the open windows may be lost.

- Use the stylus to press the **Reset** button.

Restore to Factory Setting

1. Turn the HRT700 ON.
2. Press and hold the **Side Button (right)** button, and use the stylus to press the **Reset** button. A window as below will be shown on the screen.
3. Press the **Side Button (left)**, button to scroll, select **Restore to Factory Setting**.



4. Press the **Side Button (right)** button. Then, select **Yes** by pressing **Side Button (right)** button again.

If HRT700 runs out of Power

Low Battery Power

When batteries are running low, you will see a low battery icon in the navigation bar. Replace or recharge the batteries as soon as possible. Running on low battery power will affect the device's peripheral performance. Hence, the device will automatically shut down when the battery power is critically low. Under normal conditions, a fully charged battery can be used for long hours. Here are a few tips to help you get the most from them.

WARNING

If the battery is low, you run the risk of losing the data in your HRT700

Use External Power Whenever Possible

Use the AC adapter to plug your HRT700 into external power whenever possible, especially when:

- Establishing a remote connection (some modems use a lot of power).
- Using the backlight feature of your HRT700 display.
- Connecting to a desktop computer.

Shorten the Auto-Suspend Time

While on battery power mode, your HRT700 will automatically suspend after a predefined idle period. Maximize the battery's life by shortening the idle time. Tap  and then **Settings**. On the **Control Panel** tab, tap **Power**, and then adjust the **Schemes** setting.

Turn Off the Sounds when Necessary

The HRT700 produces sounds in response to a number of events, such as warnings, appointments, and screen taps or when you press hardware-button. To optimize battery's life, turn off any unnecessary sound. Tap  and then **Settings**. On the **Control Panel** tab, tap **Volume & Sounds** and clear checked boxes on the **Events**, **Application**, **keyClicks** and **Notification** tabs.

Turn Off the Unused Peripherals

Turning OFF all the unused peripherals in the device will save and optimize the battery's life. To turn OFF all the unused peripherals, tap  and then **Settings**. On the **Control Panel** tab, tap **Power Control** and switch OFF all the unused peripherals.

If HRT700 runs out of Memory

Memory on your HRT700 is shared between storage memory and program memory. Storage memory is used to store the information you created and programs you installed. Program memory is used to run programs in your HRT700. The HRT700 automatically manages the allocation between storage and program memories. However, in some situations, such as when memory is low, the HRT700 may not be able to automatically adjust the allocation. If you receive a message stating that storage or program memory is unavailable, try the following solutions.

Storage Memory-Secure Digital (SD) Storage Card

1. Move data to a Secure Digital (SD) Storage Card.
2. Tap , **Program** and then **Windows Explorer**. A folder named **"Storage Card"** will appear once the SD memory card is inserted.
3. This folder will disappear automatically once the card is taken out from the slot.
4. Move any file or data into the **"Storage Card"** folder for backup purposes.
5. Files or data save in the SD card can be opened in any other SD card reader or computer.
6. Files copied from computer can also be opened in the HRT700 unit, as long as it does not exceed the memory of the unit.

Program memory

1. Stop programs that you are not currently using. In most cases, programs automatically stop to free needed memory. However, in some situations, such as when confirmation dialog boxes are waiting for a user's response, the program may not be able to stop automatically.
2. Clear storage memory as described in the preceding section. This will free some storage memory so that it can be allocated to program memory.
3. Reset your HRT700, as described in **"Reset the HRT700"**.

Screen Freezes or Responds Slowly

Reset your HRT700. See **"Reset the HRT700"**, earlier in this appendix.

Screen is Blank

If the HRT700 does not respond when you press the Power button briefly, press and hold the button for a full second. If this does not work:

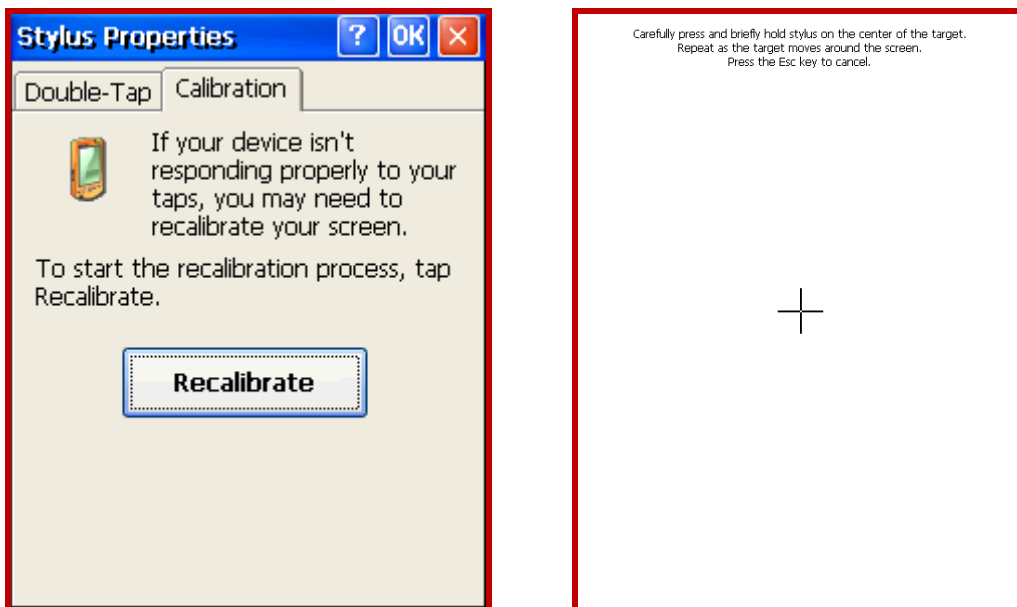
1. Make sure your battery cover is locked and all expansion slots are secured.
2. Plug the HRT700 into AC power.
3. Change or recharge the main batteries.

Screen is Dark

Prolonged exposure to direct sunlight may cause your HRT700 screen to be temporarily dim. This is a normal case for LCD screens and it is not permanent.

Inaccurate Response to Stylus Taps

Adjust the touch screen to respond more accurately to screen taps. Tap  and then **Settings**. On the **Control Panel**, tap **Stylus**. In the **Stylus Properties**, choose **Calibration**. Tap "**Calibrate**" and follow the instructions on the screens as shown below:



Slow or no response

Reset the HRT700. See "**Reset the HRT700**", earlier in this appendix.

Routine Maintenance

This section provides recommended guidelines for taking care of your HRT700. Following these guidelines helps to ensure the lifespan of your HRT700 and reduces the risk of damage.

Routine Care

To keep your HRT700 in good condition and working properly, follow these guidelines:

- Keep your HRT700 away from excessive moisture and extreme temperature. Do not expose your HRT700 to liquids or precipitation.
- Do not place anything on top of your HRT700 to prevent damage to the screen.
- Store your HRT700 in a protective case when not in use.
- Clean your HRT700 by wiping the screen and the exterior with a soft, damp cloth moistened only with water.



To reduce the risk of electric shock or damage to the internal components, do not spray liquid directly on the screen or allow excess liquid to drip inside your HRT700. Using soap or other cleaning products on the screen may discolor and damage the screen.

- Avoid exposing your HRT700 to direct sunlight or strong ultraviolet light for extended periods of time. Also avoid scratching the surface of the screen and banging it against hard objects.
- Use **only** the HRT700 stylus to prevent **scratches on** the screen.

Battery Guidelines

Follow local regulations regarding the safe disposal of your HRT700. Your vendor can advise you on local regulations, and/or the existence of any battery disposal programs in the operation.

The HRT700 should not be disposed along with the general household waste. In order to forward them for recycling or dispose them properly, please use the public collection system or return them to Pradotec or the authorized partners

Travel Guidelines

For safety and convenience when traveling with your HRT700, follow these guidelines:

- Back up your data before you leave.
- Take a backup copy of your data with you.
- Disconnect all external equipment from your HRT700.
- Take the AC adapter and new batteries with you.
- Hand-carry your HRT700 in a protective case. Do not check in with your luggage.
- Beware of potential effects of airport security devices on your HRT700.



*There are three types of airport security devices: X-ray machines, magnetic detectors (the device you walk through **for security scanning**), and security magnetic wands. You can send your device through airport X-ray machines. However, it is recommended that you do not send your HRT700 through magnetic detectors or expose it to security magnetic wands.*

- Check with the airline if you plan to use your HRT700 on the plane. In-flight, the use of electronic devices is at the discretion of the airline.

International Travel

Before traveling internationally with your HRT700, be sure to:

- Check local customs regulations on wireless devices.

Shipping Guidelines

When shipping your HRT700, follow these guidelines:

- Safeguard your data by making a backup copy.
- If shipping the backup copy, be sure that the medium (diskette, tape, or SD card) is not exposed to electrical or magnetic impulses while stored or in transit.
- Turn off your HRT700 and disconnect all external devices.
- Pack your HRT700 and all external devices (such as the cradle, cords, and cables) in their original packing boxes or in similar packaging with sufficient packing material to protect them.

FCC STATEMENT :

This device (FCC ID: SX3-HRT700) complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Warning: Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

SAR Statement:

The device complies with RF specifications when used near at a distance of 0 cm from your body.

Ensure that the device accessories, such as a device case and device holster, are not composed of metal components. Keep the device away from your body to meet the distance requirement.

This device is also designed to meet the requirements for exposure to radio waves established by the Federal Communications Commission(USA).

The SAR limit adopted by the USA is 1.6 W/kg averaged over one gram of tissue.

The highest SAR value reported to the FCC for this device type complies with this limit.

The highest SAR value reported to the FCC for this device type when properly worn on the body is 0.080W/kg