

### About This Manual

Thank you for purchasing the unitech product.

This manual explains how to install, operate and maintain our product.

No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, such as photocopying, recording, or information storage and retrieval systems, without permission in writing from the manufacturer. The material in this manual is subject to change without notice.

## Regulatory Compliance Statements

---

### European Conformity Statement

unitech Electronics co., Ltd herewith declares that the unitech product is in compliance with the essential requirements and all other provisions of the R&TTE 1999/5/EC directive, the EMC 2004/108/EC directive and the Low Voltage 2006/95/EC directive.

The declaration of conformity is available for download at :

<https://portal.unitech.eu/public/Safetyregulatorystatement>

### RoHS Statement



This device conforms to RoHS (Restriction Of Hazardous Substances) European Union regulations that set maximum concentration limits on hazardous materials used in electrical and electronic equipment.

## Waste electrical and electronic equipment (WEEE)



unitech has set up a policy and process to meet the EU directive 2002/96/EC and update 2003/108/EC concerning electronic waste disposal.

For more detailed information of the electronic waste disposal of the products you have purchased from unitech directly or via unitech's resellers, you shall either contact your local supplier or visit us at :

<https://portal.unitech.eu/public/WEEE>

## Laser Information

---

The unitech product is certified in the U.S. to conform to the requirements of DHHS/CDRH 21CFR Subchapter J and to the requirements of IEC 825-1. Class II and Class 2 products are not considered to be hazardous. The unitech product contains internally a Visible Laser Diode (VLD) whose emissions do not exceed the maximum limits as set forth in the above regulations. The scanner is designed so that there is no human access to harmful laser light during normal operation, user maintenance or prescribed service operations.

The laser safety warning label required by the DHHS/IEC for the unitech product's optional laser scanner module is located on the memory compartment cover, on the back of the unit.

\* Laser information only applies to the products with laser components.

**CAUTION!** Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous laser light. Use of optical instruments with the scanner, including binoculars, microscopes, and magnifying glasses, with will increase eye damage. This does not include eyeglasses worn by the user.

## LED Information

---

The unitech product contains LED indicator(s) or LED ring whose luminance is not harmful to human eyes during normal operation, user maintenance or prescribed service operations.

\*LED information only applies to the products with LED components.

## Battery Notice

---

1. To guarantee optimal performance, it is recommended that rechargeable batteries be replaced every year, or after 500 charging cycles are completed. It is normal for the battery to balloon or expand after one year or 500 cycles. Although it does not cause damage, it cannot be used again and must be disposed of according to the location's safe battery disposal procedures.
2. If a battery performance decreases more than 20%, the battery is at the end of its life cycle. Stop use and ensure the battery is disposed of properly.
3. The length of time that a battery lasts depends on the battery type and how the device is used. Conserve the battery life by doing the following:
  - Avoid fully uncharging the battery because this places additional strain on it. Several partial uncharges with frequent charges are better than a fully uncharged battery. Charging a partially charged battery does not cause harm to the unit.
  - Keep the battery cool. Avoid hot vehicles. For prolonged storage, keep the battery at a 40% charge level.
  - Do not leave the battery uncharged and unused for an extended period of time, the battery will wear out and the longevity of the battery will be at least half of one with frequent charges.
4. Protect battery life by not over or under charging the battery.
5. Please do not leave battery unused for long time without charging it. Despite unitech's safety precautions, the battery pack may begin to change shape. If so, stop using it immediately. Please check to see if you are using a proper power adapter to charge the battery or contact your service provider for service.
6. If you cannot charge the battery after it has been idle for an extended period of time and it begins to heat up, please do not try to charge it. It may not be functional anymore.
7. Please only use the original battery from unitech. Using a third party battery can damage our products. Please note that when such damage occurs, it is not covered by unitech's warranty policy.

**CAUTION!**

- RISK OF EXPLOSION IF BATTERY IS REPLACED INCORRECTLY. DISPOSE OF USED BATTERIES ACCORDING TO THE INSTRUCTIONS.

- 如果更換不正確之電池行事會有爆炸的風險

請依製造商說明書處理用過之電池

- 如果更換不正確之電池行事會有爆炸的風險

請依製造商說明書處理用過之電池

## Battery charge notice

It is important to consider temperature when the battery pack is charging. Charging is most efficient at normal room temperature or in a slightly cooler environment. It is essential that batteries are charged within the stated range of 0°C to 40°C. Charging batteries outside of the specified range could damage the batteries and shorten their life cycle.

At regular interval (4 weeks) check the battery for any deformation, which indicates the battery to be over its life time.

**CAUTION!** Do not charge batteries at a temperature lower than 0°C. This will make the batteries unstable and dangerous. Please use a battery temperature detecting device for a charger to ensure a safe charging temperature range.

**CAUTION!** To ensure the unit working properly, please keep all connectors away from the contaminants staying inside of them such as dust, grease, mud, and water. The negligence may cause the unit with no communication, short circuited, overheated and so on.

**CAUTION!** If the connector is damaged, please ensure the connector is being fully repaired before use the unit to avoid causing short circuited.

## Storage and safety notice

Although charged batteries may be left unused for several months, their capacity may be depleted due to build up of internal resistance. If this happens, they will require recharging prior to use. Batteries may be stored at temperatures between -20°C to 60°C, however they may deplete more rapidly at higher temperatures. It is recommended to store batteries at room temperature.

*\* The message above only applies to the usage of the removable batteries.  
For the products with non-removable batteries / without batteries, please refer to the specification of each product.*

## Product Operation and Storage Notice

The unitech product has applicable operation and storage temperature conditions. Please follow the limitation of suggested temperature conditions to avoid failure, damage or malfunction.

*\* For applicable temperature conditions, please refer to the specification of each product.*

## Adapter Notice

---

1. Please do not leave the power adapter in the socket when it is not connected to your unitech product for charging.
2. Please remove the power adapter when the battery is fully recharged.
3. The bundled power adapter that comes with your unitech product is not meant to be used outdoors. An adapter exposed to water or rain, or a very humid environment can cause damage to both the adapter and the product.
4. Please only use the bundled power adapter or same specification of adapter to charge your unitech product. Using the wrong power adapter can damage your unitech product.

*\* The message above only applies to the product connected to the adapter.  
For the products without using the adapters, please refer to the specification of each product.*

# Hearing Damage Warning

---

## Zx.3 Warning

The warning shall be placed on the equipment, or on the packaging, or in the instruction manual and shall consist of the following:

- the symbol of Figure 1 with a minimum height of 5 mm; and
- the following wording, or similar :

To prevent possible hearing damage, do not listen at high volume levels for long periods.



Figure 1 – Warning label (IEC 60417-6044)

Alternatively, the entire warning may be given through the equipment display during use, when the user is asked to acknowledge activation of the higher level.

## HT510 Product & Accessory

	
<p>HT510 Main unit with 1D or 2D scanner engine</p>	<p>Battery 1400-510001G 3,8V/4500mAH</p>
	
<p>HT510 Desktop USB/Charging cradle 5000-510001G</p>	<p>Power Supply Unit 1010-510001G 5.5VDC/2.6A</p>
	
<p>Optional Gun-Scan-handle 5500-510001G</p>	



# HT510 Explore



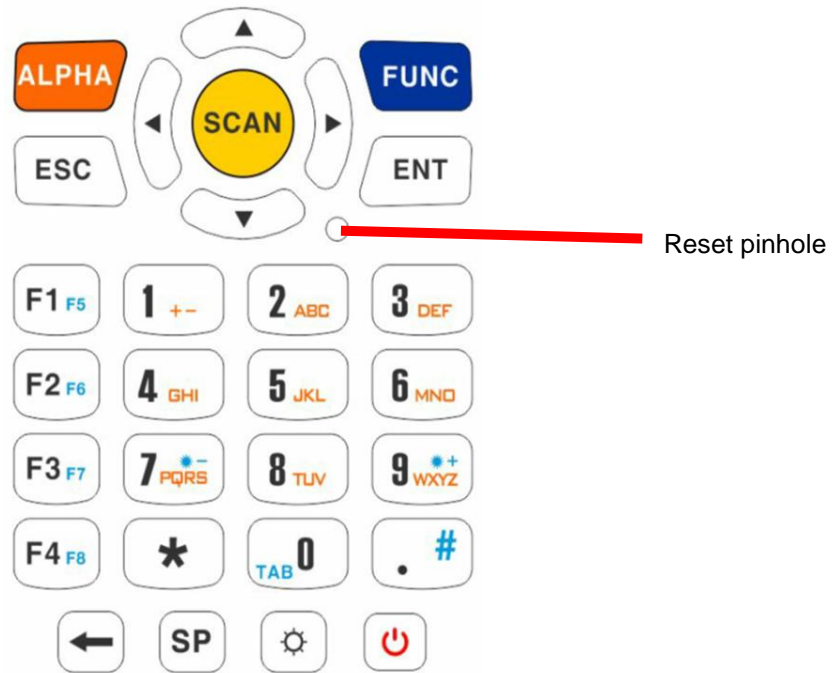
# HT510 Explore



- PSAM CARD SLOT
- TF CARD SLOT
- SIM CARD SLOT
- SPEAKER

Note; PSAM Card & SIM Card slot are NOT functional

# HT510 Explore



Key	Description
Alpha	Toggle Numeric > Lower > Upper. As indicated in taskbar
Func	Function-key mode
Arrow	Cusror navigation keys
Scan	Center scan trigger
Keys legend in Black	Active when in Numeric mode
Keys legend in Red	Active when in Alpha Mode
Keys legend in Blue	Active when in Func Mode

Notes	Func and * will toggle lock/unlock of keypad Except keypad backlight, scanner and power key
-------	--

## HT510 Install Battery

---

Insert the battery into the battery compartment as shown in the picture.

Battery should sit tightly in the compartment when correctly installed.

Do not apply excessive force when inserting the battery.

Make sure the battery is locked

Use opposite method to remove the battery



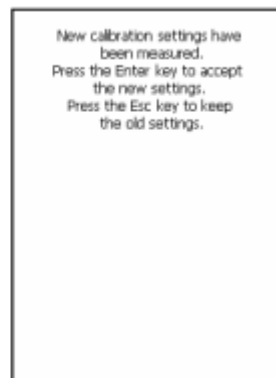
It is advised to charge the battery at least up to 16 hours for the first time to use. While it normally only takes about 4 hours to charge the battery after it's been drained, when charging the battery for the first time please allow at least 16 hours.

When the main battery is removed the HT510 will “remember” the last known status, for over 30 minutes. till a new battery is inserted. (automatic restore point).

## HT510 First time use

---

Pressing the Power ON/OFF Key The Unitech HT510 welcome screen appears. The Windows CE screen will appear shortly thereafter



Align the Screen When prompted, use the stylus to tap the targets as they appear in order to align the touch screen. When you complete the procedure, press any key or press anywhere on the touch screen to start up the WinCE system.

The screen alignment can be repeated by pressing FUNC and ESC together or via Start / Setting / Control Panel / Stylus / Calibration



## HT510 Barcode Scanner

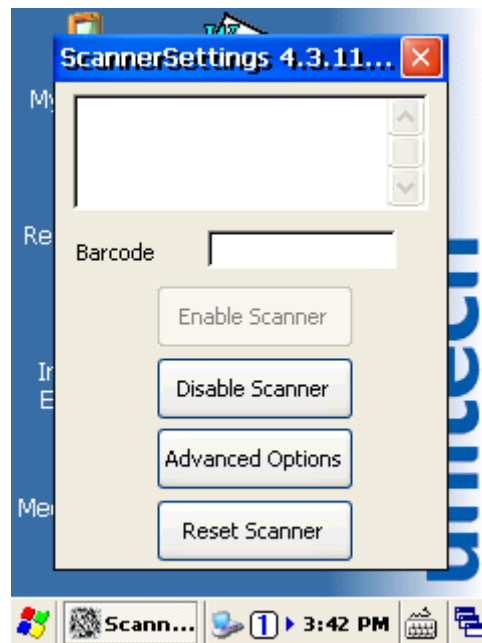
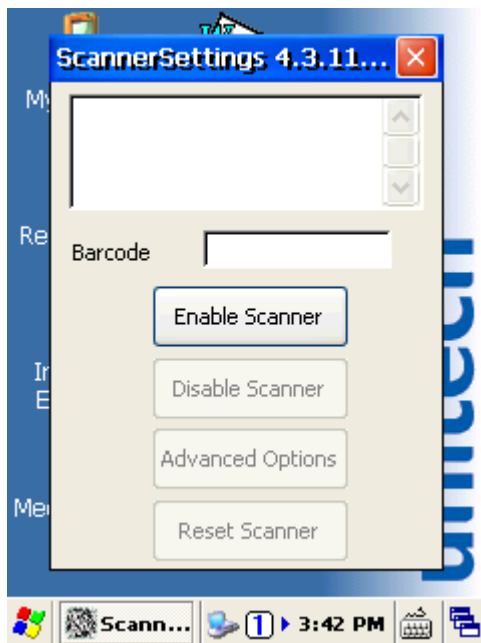
---

Execute Scanner from desktop

Or Start / Settings / Control Panel / ScannerSettings



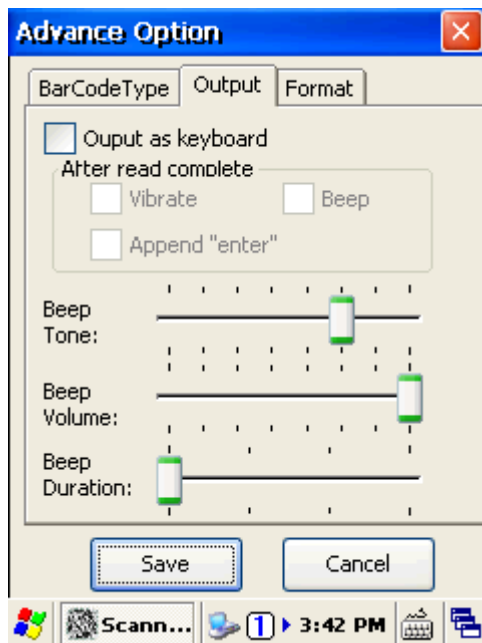
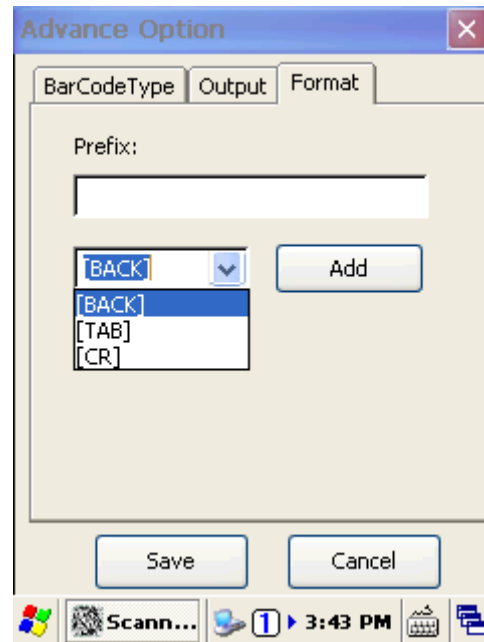
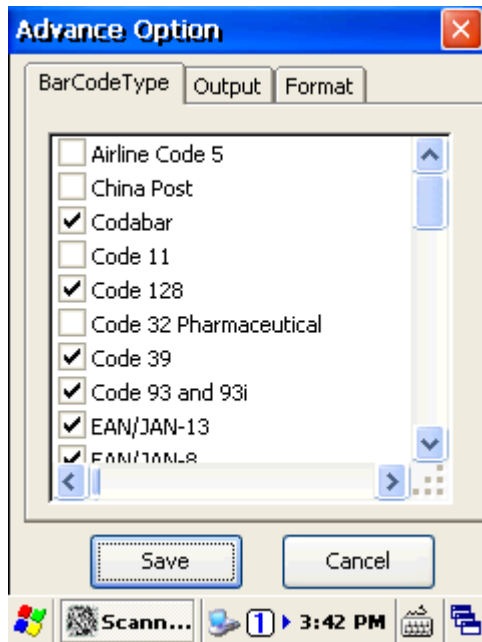
Select Enable Scanner



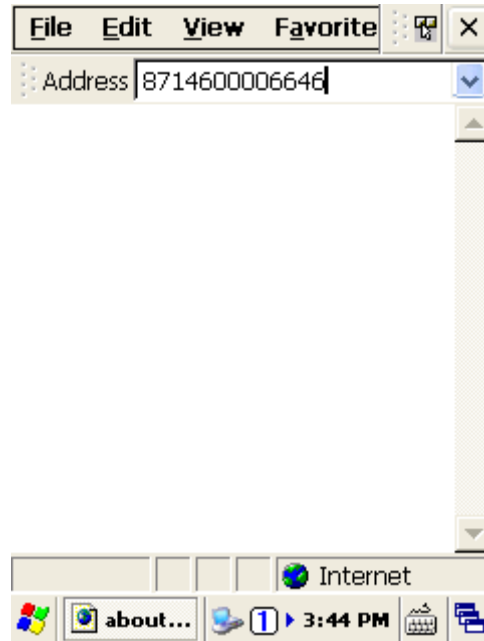
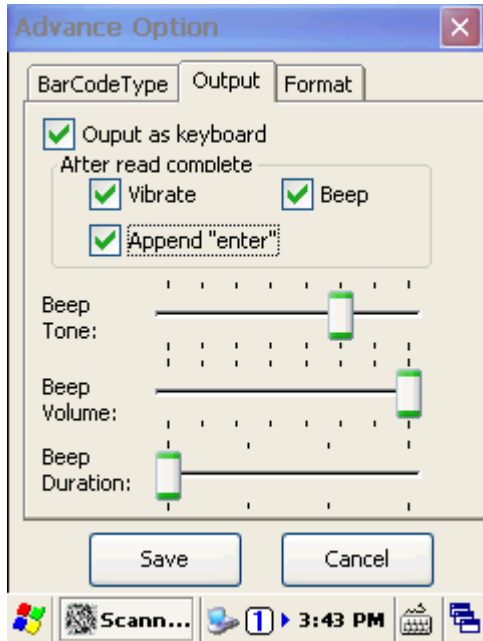
Press one of scanner trigger keys and point the beam towards a barcode.

See the data and the barcode symbology

### Advanced Settings



For Keyboard wedge, make settings as desired and select Save  
Execute Internet Explorer, put cursor in address bar and scan a barcode





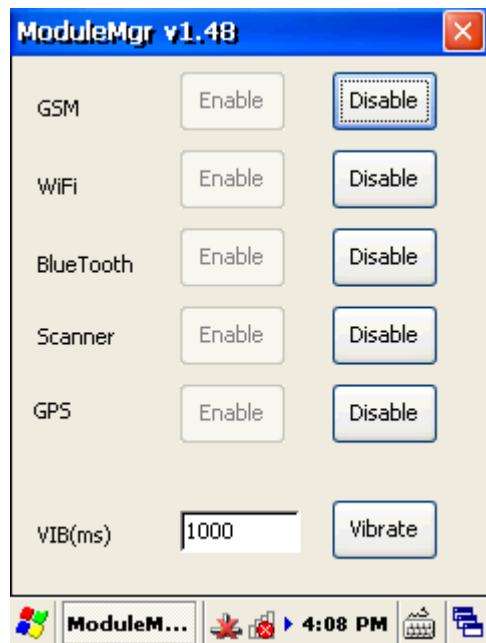
# HT510 Powersaving and control

Start / Settings / Control Panel / ModuleMgr



ModuleMgr

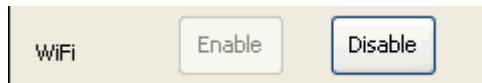
Select the modules which are required



# HT510 WiFi

First check ModuleMgr (Start / Settings / Control Panel / ModuleMgr)

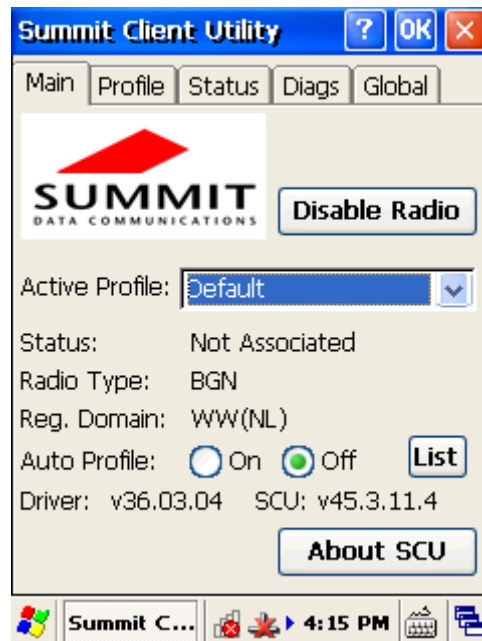
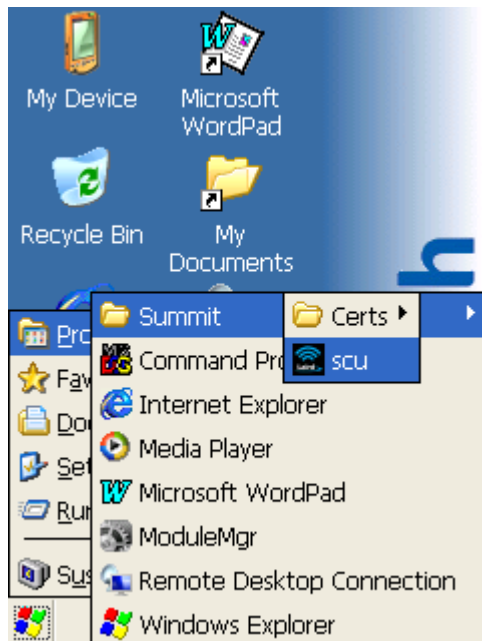
For the WiFi to be enabled (thus the disable button to be active)



When WiFi is enabled it will also so icon ion taskbar



Select Start / Programs / Summit SCU

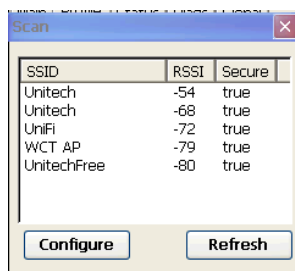


Select the tab Profile

Select the Scan button, select the desired Wifi-SSID from the list, select

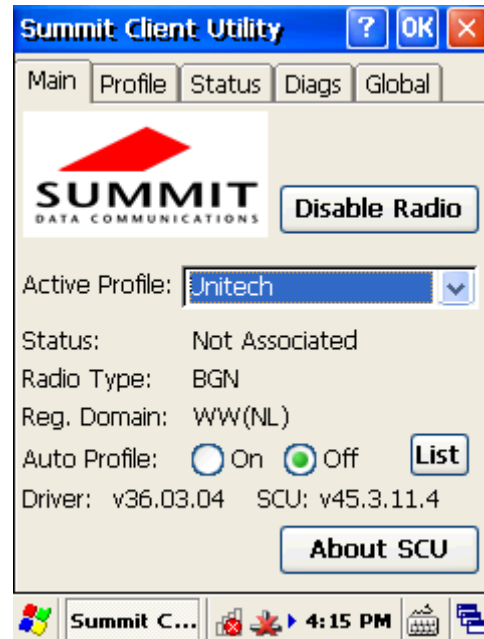
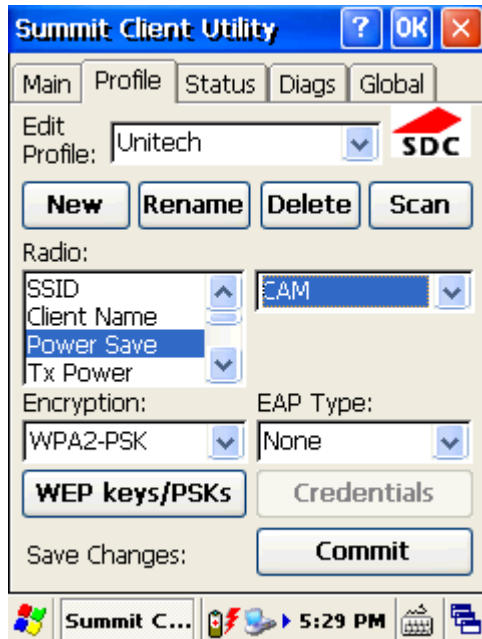
Configure

and enter passkey



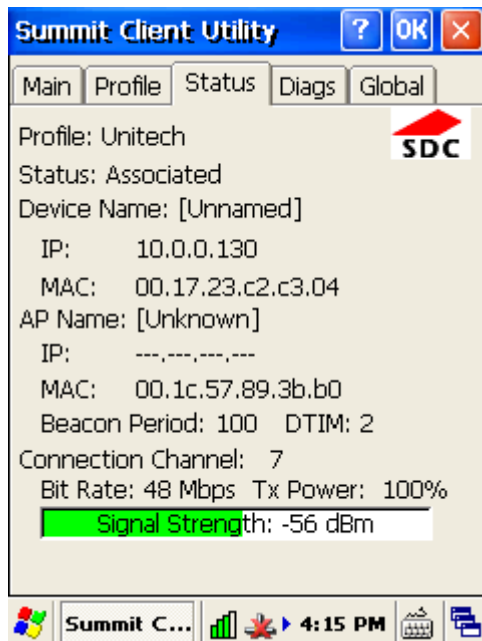
In case of WiFi network with a Wifi/Network controller it is advised to set Power Save to CAM (Continuous Awake Mode)

Select the Commit button



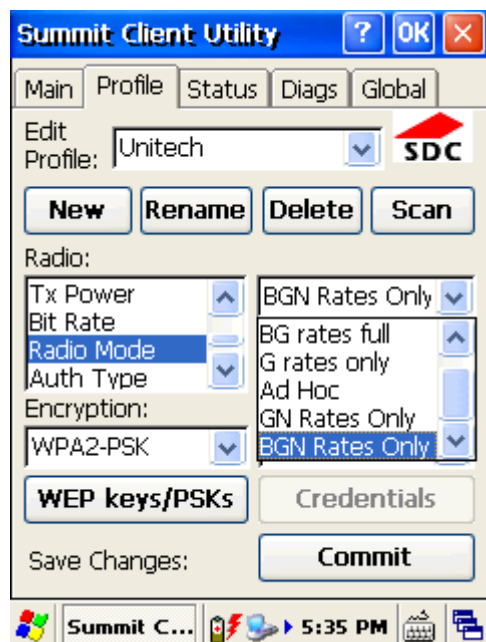
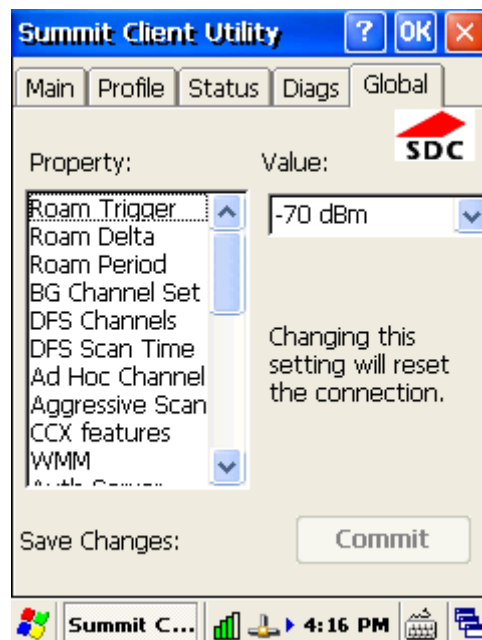
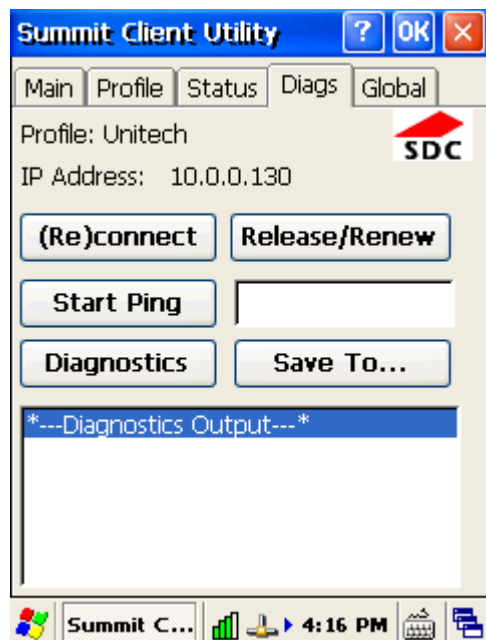
Select the tab Main and set the created profile as Active Profile

Select the tab Status to check the connection to WiFi



Other options available in SCU.

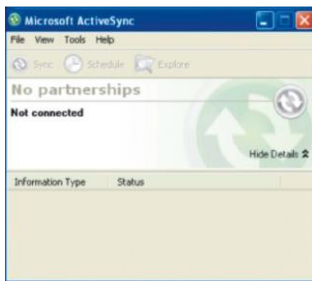
In normal conditions it recommended to leave these unchanged, as they are best practice settings



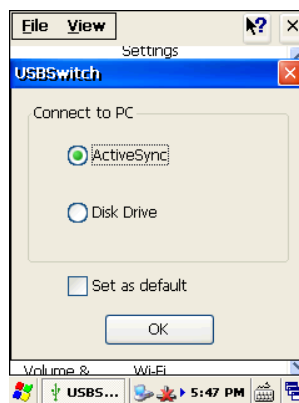
## HT510 USB

The HT510 can be connected to Windows PC by use of Microsoft ActiveSync 4.5 (Windows 2000/XP/2003) or Windows Mobile Device Center 6.1 (Windows Vista/2008/7). Downloads are available from the Microsoft website.

After the installation of Microsoft ActiveSync, connects the device to the PC with the USB cable, which packaged with, connect one end to the PC, and the other end to the device.



For connection to None Windows PC another connection method can be selected via Start / Settings / Control Panel / USB switch

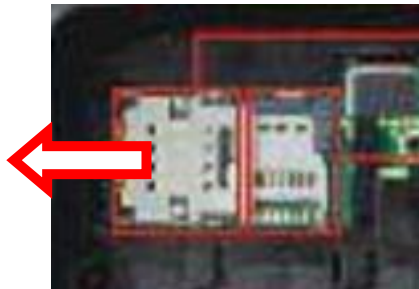


## HT510 SD Card

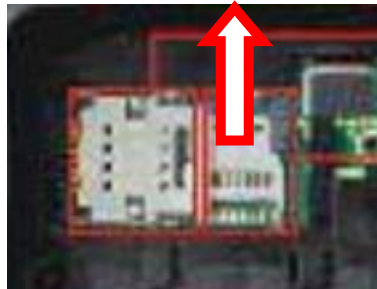
---

Remove the battery

Slide the metal bracket of SIM slot to left, and lift up



Slide the metal bracket of SD slot upwards and lift up



Insert SD card into metal bracket, pull down and slide down

Pull down metal bracket of SIM slot and slide to right.

Insert the battery

Power on HT510.

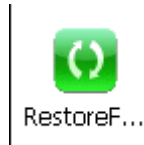
Start File Manager and check for "Storage Card" folder at root.

## HT510 Reboot

---

Warmboot; press the reset pinhole at the front side of device

Coldboot; Select Start / Settings / Control Panel / RestoreFactorySettings



Alternative; Press backspace button and reset pinhole  
Keep backspace pressed when release the reset pinhole  
Select [6] Format UserData from the bootloader menu  
Press the keys 4 5 6 after each other  
Wait for some 20 seconds

## Technical Support

Our professional support team is available to quickly answer questions or assist with technical-related issues. Should an equipment problem occur, please contact us listed below.

**Tel:** +31-13-4609292

**E-mail:** [info@eu.ute.com](mailto:info@eu.ute.com)  
[techsupport@eu.ute.com](mailto:techsupport@eu.ute.com)

**Address:** Kapitein Hatterasstraat 19, 5015 BB, Tilburg, the Netherlands