

# RP1300 User's Full Manual



| MODEL:  | Phase: | Originator: | Dept. | DATE:                      |
|---|--------|-------------|-------|----------------------------|
| <i>RP1300 SERIES</i><br><i>ADD Model</i><br><i>(RP1300)</i> |        |             |       | JUL 10 <sup>th</sup> ,2013 |

Rugged & Professional

RP1300 Integrator Manual

July 19, 2013

© 2013 by Gen2wave, Inc. All rights reserved.

No part of this publication may be reproduced or used in any form, or by any electrical or mechanical means, without permission in writing from Gen2wave. This includes electronic or mechanical means, such as photocopying, recording, or information storage and retrieval systems. The material in this manual is subject to change without notice.

The software is provided strictly on an "as is" basis. All software, including firmware, furnished to the user is on a licensed basis. Gen2wave grants to the user a non-transferable and non-exclusive license to use each software or firmware program delivered hereunder (licensed program). Except as noted below, such license may not be assigned, sublicensed, or otherwise transferred by the user without prior written consent of Gen2wave. No right to copy a licensed program in whole or in part is granted, except as permitted under copyright law. The user shall not modify, merge, or incorporate any form or portion of a licensed program with other program material, create a derivative work from a licensed program, or use a licensed program in a network without written permission from Gen2wave. The user agrees to maintain Gen2wave's copyright notice on the licensed programs delivered hereunder, and to include the same on any authorized copies it makes, in whole or in part. The user agrees not to decompile, disassemble, decode, or reverse engineer any licensed program delivered to the user or any portion thereof.

Gen2wave reserves the right to make changes to any software or product to improve reliability, function, or design.

Gen2wave does not assume any product liability arising out of, or in connection with, the application or use of any product, circuit, or application described herein.

No license is granted, either expressly or by implication, estoppels, or otherwise under any Gen2wave, Inc., intellectual property rights. An implied license only exists for equipment, circuits, and subsystems contained in Gen2wave products.

Gen2wave, Inc.

<http://www.gen2wave.com>

## The R&TTE Directive

The European Radio equipment and Telecommunications Terminal Equipment (R&TTE) Directive (1999/5/EC) was published in the Official Journal of the European Communities on 7 April 1999. It covers all radio equipment and all equipment intended to be connected to public telecommunications networks

The R&TTE Directive relies for its operation on Harmonized Standards developed by the recognized European Standards Organizations. These Harmonized Standards define technical characteristics which can be used to meet the essential requirements of the Directive

# Revision History

Changes to the original manual are listed below:

| Version | Date     | Description            |
|---------|----------|------------------------|
| Rev 1.0 | 13/01/29 | Card slot image        |
| Rev 1.1 | 13/10/28 | Define reset functions |

# CE 0984

iPod touch can be used in the following European Community and EFTA Countries:

|    |    |    |    |    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|----|----|----|----|
| AT | BG | BE | CY | CZ | DK | EE | FI | FR | DE | GR | HU |
| IE | IT | LV | LT | LU | MT | NL | PL | PT | RO | SK | SL |
| ES | SE | GB | IS | LI | NO | CH |    |    |    |    |    |

Wideband Data Transmission systems

2400.0-2483.5 MHz

|                    |   |  |
|--------------------|---|--|
| France             | Outdoor use limited to 10 mW e.i.r.p. within the band 2454-2483.5 MHz | Military Radiolocation use. Refarming of the 2.4 GHz band has been ongoing in recent years to allow current relaxed regulation. Full implementation planned 2012 |
| Italy              |   | For private use, a general authorisation is required if WAS/RLAN's are used outside own premises. For public use, a general authorisation is required            |
| Luxembourg         | Implemented   | General authorisation required for network and service supply  |
| Norway             | Implemented   | This subsection does not apply for the geographical area within a radius of 20 km from the centre of Ny-Ålesund  |
| Russian Federation |   | Only for indoor applications   |

## Table of Contents

|  |    |
|--|----|
| RP1300 User's Full Manual.....                 | 1  |
| Revision History.....                          | 4  |
| About This Guide.....                          | 8  |
| Introduction.....                              | 8  |
| Software Versions.....                         | 9  |
| Build Version/Software Name and Version.....   | 9  |
| AKU Version.....                               | 9  |
| System Version.....                            | 9  |
| Service Information.....                       | 10 |
| Getting Started.....                           | 11 |
| Introduction.....                              | 11 |
| RP1300 Specifications.....                     | 11 |
| Unpacking the RP1300.....                      | 13 |
| Getting Started.....                           | 14 |
| Installing a microSD Card.....                 | 14 |
| Installing the SIM Card.....                   | 15 |
| Installing the Battery.....                    | 16 |
| Charging the Main Battery.....                 | 17 |
| Table 1-1 LED Charge Indicators.....           | 17 |
| Checking the Battery Status.....               | 18 |
| Resetting the RP1300.....                      | 19 |
| Performing a Soft Reset Boot.....              | 20 |
| Performing a Hard Reset.....                   | 21 |
| Performing a Clean Boot.....                   | 22 |
| RP1300 Service Verification.....               | 23 |
| Ensuring Network Coverage.....                 | 23 |
| Configuring a Data Connection.....             | 25 |
| Connecting to an ISP.....                      | 25 |
| Connecting to a Network With a VPN Server..... | 26 |
| RP1300 Settings.....                           | 27 |
| Phone Tab.....                                 | 27 |
| Security Tab.....                              | 28 |
| Enabling a PIN.....                            | 28 |
| Changing a PIN.....                            | 29 |
| Disabling a PIN.....                           | 29 |
| Services.....                                  | 30 |
| Call Barring (Call Blocking).....              | 31 |
| Caller ID.....                                 | 31 |
| Call Forwarding.....                           | 32 |
| Call Waiting.....                              | 32 |
| Voice Mail and Text Messages.....              | 33 |
| Fixed Dialing.....                             | 33 |

|  |    |
|--|----|
| Network.....   | 34 |
| Changing Networks Manually .....                           | 34 |
| Viewing Available Networks .....                           | 35 |
| Setting Preferred Networks.....                            | 36 |
| Via Wireless LAN .....                                     | 37 |
| Accessories.....   | 38 |
| Introduction.....  | 38 |
| Single Slot USB Cradle.....                                | 39 |
| Setup .....  | 39 |
| Charging the RP1300 Battery.....                           | 40 |
| Charging the Spare Battery.....                            | 41 |
| Battery Charging Indicators .....                          | 42 |
| Table 2-1 Spare Battery LED Charging Indicators.....       | 42 |
| Charging and Communication.....                            | 43 |
| LED Charging Indicators .....                              | 43 |
| Charge LED .....   | 43 |
| Charging Temperature .....                                 | 43 |
| Using the Computer.....                                    | 44 |
| Adjusting the Volume of the RP1300 .....                   | 44 |
| Using the Touch Screen.....                                | 45 |
| Configuring the Backlight Settings.....                    | 45 |
| Using the Stylus .....                                     | 46 |
| Understanding the Screen Icons .....                       | 46 |
| Aligning the Touch Screen .....                            | 47 |
| Rotating the Screen .....                                  | 47 |
| Reading Bar Codes .....                                    | 48 |
| Using the Color Camera .....                               | 49 |
| Using a microSD Card.....                                  | 51 |
| Enabling the Integrated GPS on the RP1300 .....            | 51 |
| Using the A-GPS on the RP1300 .....                        | 51 |
| Button Assign Function .....                               | 54 |
| Connecting and Configuring the RP1300.....                 | 56 |
| Connecting the RP1300 to a PC .....                        | 56 |
| Connecting the RP1300 to Your Network .....                | 57 |
| Connecting the RP1300 Using WIFI Communications.....       | 58 |
| Connecting the RP1300 Using Bluetooth Communications ..... | 60 |
| Configuring the Phone .....                                | 61 |
| Turning On the Phone Using the Wireless Manager.....       | 61 |
| Blue-Tooth that can be used simultaneously with Wi-Fi..... | 62 |
| Using Internet Sharing.....                                | 62 |
| Making a Phone Call .....                                  | 65 |
| Installing Applications .....                              | 66 |
| Installing Applications on the RP1300.....                 | 66 |

Installing Applications Using Microsoft ActiveSync .....67

Installing Applications Using a microSD Card .....68

# About This Guide

## Introduction

This Integrator Guide provides information about setting up and configuring the RP1300 and its accessories.

**NOTE.** Screens and windows pictured in this guide are samples and can differ from actual screens.



## Software Versions

This guide covers various software configurations and references are made to operating system or software versions for:

- Adaptation Kit Update (AKU) version
- OEM version
- Phone version
- BT version
- Fusion version.

## Build Version/Software Name and Version



### AKU Version

**To determine the Adaptation Kit Update (AKU) version:**

Tap **Start** > **Settings** > **System** > **About** icon > **Version** tab.

The second line lists the operating system version and the build number. The last part of the build number represents the AKU number. For example, Build 29058.5.3.12.8 indicates that the device is running AKU version 21903 5.0.92.

### System Version

**To determine the OEM software version:**

Tap **Start** > **Settings** > **System** tab > **System Info** icon

# Service Information

If you have a problem with your equipment, contact Gen2wave Enterprise Mobility support for your region. Contact Information is available at: <http://www.gen2wave.com/>



Gen2wave responds to calls by e-mail, telephone or fax within the time limits set forth in support agreements.

# Getting Started

## Introduction

This chapter provides information about the RP1300, accessories, charging, and resetting the RP1300.

## RP1300 Specifications





| Performance Characteristics |   | Battery(4000mA) Performance |  |
|-----------------------------|---|-----------------------------|--|
| CPU                         | Samsung S5PV210 1GHz  | Standby time                | 220 hours  |
| OS                          | Windows®Embeded Handheld 6.5.3  | Talk time                   | 10 hours   |
| Memory                      | 256MB SDRAM (512MB Optional)<br>1G ROM  | User profiles               | Outdoor WAN+GPS, 15min/hour voice communication, 10kB transmission every 10 min, and GPS on all time, 10.5 hours of operation. |
| Communication Interface     | USB HOST 2.0 FULL SPEED<br>USB Client 2.0 HIGH SPEED<br>Ext. Serial RS232C  |                             | Outdoor Voice, 15 min/hour voice communication, 10.5 hours of operation and 150 hours standby time.                            |
| Physical Characteristics    |   | User Environment            |  |
| Dimensions                  | 139mm H X 73mm W X 21mm D   | Sealing                     |  |
| Weight                      | 270 gram with 1860MAH battery<br>315 gram with 4000MAH battery  | Drop Spec.                  | 1.5M drop to concrete.<br>2 drops per 6 sides  |
| Display                     | 3.5inch. QVGA (VGA)   | Operating Temp.             | Main -20°C ~ +60°C   |
| Input                       | Touch Panel, 4 side keys, power key   |                             | Storage -25°C ~ +70°C  |
| Battery                     | Standard : 1860mA/h ,3.7V,Li-ion<br>Extended : 4000mA/h ,3.7V,Li-ion<br>Build-in backup battery : 200mA/h,3.7V, (polymer) | AC Power                    | Input : AC 100 ~ 240V, 50 ~ 60Hz<br>Output : DC +5.0V, 3.5A  |
| Expansion Slot              | High capacity micro SD Card   | Relative Humidity           | 5% ~ 80%   |
| Audio                       | Speaker / Receiver / MIC  |                             |  |
| Wireless (WWAN)             | HSPA+<br>2100MHz<br>EDGE GPRS GSM<br>900MHz/1800 MHz  |                             |  |
| Bluetooth                   | Class 2 (2402MHz~2480MHz)<br>Fully Qualified Bluetooth v2.1+EDR system (Intenna, BT Headset support)                      |                             |  |
| Wireless LAN                | 2.4GHz 802.11 b/g/n   | 1D Laser Scanner (IS4813)   |  |
| GPS                         | Embedded A-GPS  | Signal Output               | Digital, industry standard   |
| Notification                | Vibration and Charging LED  | Resolution:                 | 5 mil (0.127 mm)   |
| Scanner                     | 1D Laser Type<br>2D Imager  | Roll:                       | 42°  |
| Color Camera                |   | Pitch Angle:                | 68°  |

|  |   |  |  |
|--|---|--|--|
| Resolution:  | 5.0 megapixel                                 | Yaw  | 52°  |
| Illumination:  | User controllable flash                       | Light Source   | Visible Laser Diode 650 nm   |
| Lens:  | Auto Focus                                    | Scan Rate  | 100 scan lines per second  |
| <b>2D Imager Engine (5100SR-110R)</b>  |   | Sweep Angle  | 54° minimum  |
| Focal Distance   | 7 inches (17.8cm) from lens plate             | Ambient Light Levels   | 4842 Lux (450 foot-candles)  |
| Sensor Resolution  | 752 x 480 pixels                              | Typical Performance*<br>Narrow Width<br>Depth of Field                         | 5.2 mil 70 mm - 95 mm (2.8" - 3.78")<br>7.5 mil 57 mm - 171 mm (2.3" - 6.8")<br>10.4 mil 50 mm - 210 mm (2.0" - 8.3")<br>13 mil 50 mm - 254 mm (2.0" - 10.0")<br>19.5 mil 75 mm - 300 (3.0" - 11.8") |
| Image Sensor   | 752 X 480 CMOS sensor                         | * Performance may be impacted by bar code quality and environmental conditions |  |
| Motion Tolerance   | 4 in. (10.2cm) per second                     | <b>Regulatory</b>  |  |
| Rotational Sensitivity   | 360°  |  |  |
| Viewing Angle  | +40°  |  |  |
| Ambient Light Immunity   | Total darkness to 100,000 lux (full sunlight) |  |  |
| Illumination LEDs  | 626nm +30nm                                   |  |  |
| Aiming   | LEDs: 526nm +30nm                             |  |  |
|  | Laser: 650nm +10nm                            |  |  |
| <b>Peripherals and Accessories</b>   |   |  |  |
| <b>Communication</b>   | USB Client 2.0 HIGH SPEED                     |  |  |
| <b>Battery Chargers:</b>   | 1-slot battery charger Cradle                 |  |  |
|  |   |  |  |
|  |   |  |  |
| <b>Interactive Sensor Technology</b>   |   |  |  |
| Motion-sensor: 3-axis accelerometer that enables motion-sensing applications for dynamic screen orientation, and Magnetic Field Sensor, power management and free-fall detect. |   |  |  |

# Unpacking the RP1300

Carefully remove all protective material from the RP1300 and save the shipping container for later storage and shipping. Verify that you received the following equipment:

- RP1300
- Lithium-ion battery
- stylus
- Quick Start Guide

|   |   |
|---|---|
| <b>RP1300 SRRIES</b><br><i>ADD MODEL</i><br><i>(RP1200)</i> |    |
| <b>BATTERY</b>  |   |
| <b>STYLUS</b>   |  |
| <b>Quick Guide</b>  |  |

## Getting Started

To start using the RP1300 for the first time:

- Install a microSD card (optional)
- Install the SIM card
- Install the main battery.
- Charge the RP1300.
- Power on the RP1300.

## Installing a microSD Card

The microSD card slot provides secondary non-volatile storage. The slot is located under the battery pack. Refer to the documentation provided with the card for more information, and follow the manufacturer's recommendations for use.

**CAUTION** Follow proper ESD precautions to avoid damaging the SD card. Proper ESD precautions include, but are not limited to, working on an ESD mat and ensuring that the operator is properly grounded

To install the microSD card:



## Installing the SIM Card

★ NOTE      RP1300 configuration only

GSM phone service requires a Subscriber Identification Module (SIM) card, or smart card. Obtain the card from the your service provider. The card can contain the following information:

- Mobile phone service provider account details.
- Information regarding service access and preferences.
- Contact information, which can be moved to Contacts on the RP1300.
- Any additional services to which you have subscribed.

★ NOTE      For more information about SIM cards, refer to the service provider's documentation.

**To install the SIM card:**



# Installing the Battery

★ NOTE The RP1300 ships with either a 1860 mAh or 4000 mAh battery. The 1860 mAh battery is shown in this installation procedure.

## To install the battery.

- Insert the battery, top first, into the battery compartment in the back of the RP1300.
- Press the battery down into the battery compartment
- Lock the Battery Release Latch





## Charging the Main Battery

Before using the RP1300 for the first time, charge the main battery until the amber Charging/Battery Status LED remains lit (see [Table 1-1](#) for charge status indications). To charge the RP1300, use a cable or a cradle with the appropriate power supply. For information about the accessories available for the RP1300, see [Accessories Chapter](#).

For cable and cradle setup and charging procedures see [Accessories Chapter](#) for more information.

- Charge Only Cable
- Single Slot USB Cradle


To charge the main battery:

- Connect the charging accessory to the appropriate power source.
- Insert the RP1300 into a cradle or attach to a cable. The RP1300 begins charging.
- The Charging/Battery Status LED red while charging, then turns LED green when fully charged. See [Table 1-1](#) for charging indications.

The 1860 mAh battery fully charges in approximately four hours and the 4000 mAh battery fully charges in approximately six hours.

**Table 1-1 LED Charge Indicators**

| Charging/Battery Status LED | Indication  |
|-----------------------------|---|
| Off                         | RP1300 is not charging.<br>RP1300 is not inserted correctly in the cradle or connected to a power source.<br>Charger/cradle is not powered. |
| Red LED                     | RP1300 is charging.   |
| Green LED                   | Charging complete   |



**Caution**

Do not use any other charger except one (5.0V / 3.5A) provide.

Make sure to handle it gentle; damage with excessive force may cause no warranty.

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

When attached battery is completely discharged, plug charger to main body, then reset the device to check if screen is back on.

### Charging Spare Batteries

See [Accessories](#) for information on using accessories to change spare batteries.

**Charging Temperature**

Charge batteries in temperatures from 0°C to 40°C (32°F to 104°F). Note that charging is intelligently controlled by the RP1300.

To accomplish this, for small periods of time, the RP1300 or accessory alternately enables and disables battery charging to keep the battery at acceptable temperatures. The RP1300 or accessory indicates when charging is disabled due to abnormal temperatures via its LED. See [Table 1-1](#).

**Powering On the RP1300**

After inserting the battery or when turning the RP1300 on for the first time, the splash screen displays for about a minute as the RP1300 boots, then the calibration window appears.

**Calibrating the Screen**






NOTE To calibrate the screen so the cursor on the touch screen aligns with the tip of the stylus:

- Remove the stylus from its holder on the side of the RP1300.
- Carefully press and briefly hold the tip of stylus on the center of each target that appears on the screen.
- Repeat as the target moves around the screen, and then tap the screen to continue.

**Checking the Battery Status**

The easiest way to check the status of your battery is to look at the battery icon on the status bar of your RP1300.

Battery Icon Status

| Icon  | Status  |
|---|---|
|  | Battery is fully charged.   |
|  | Battery has a medium charge. You should be able to work for several more hours before changing batteries. |
|  | Battery is low. You need to charge or replace the battery soon.   |
|  | Battery is critically low. You need to replace the battery now.   |
|  | Battery is charging.  |

## Resetting the RP1300

You rarely need to reset the computer. If the computer or an application lock up, you may need to reset the RP1300. The RP1300 uses the configuration currently saved in flash memory during the boot process. There are three ways to reset the RP1300:

- Soft Reset
- Hard Reset
- Clean booting

If the RP1300 is not functioning properly, perform a reset first. If the RP1300 still does not respond, perform a hard reset.

| Reset Type    | How to perform   | What happens   | Remark  |
|---------------|--|--|---|
| Hard Reset    | Pushing reset button while pushing and holding power button. | Contents in root and Flash Disk are reserved.<br>Contents in Ram Disk are cleared.<br>Power Management IC is also initialized. | For now, contents in Ram Disk are reserved.<br>It will be fixed soon. |
| Soft Reset    | Pushing reset button.  | Contents in root and Flash Disk are reserved.<br>Contents in Ram Disk are reserved.  | Could be done by API.   |
| Clean Boot    | Selecting Clean boot in the boot menu.                       | Contents in root are cleared.<br>Contents in Flash Disk are reserved.<br>Contents in Ram Disk are cleared.                     | Could be done by API.   |
| Factory Reset | Not supported currently.                                     | Contents in root and Flash Disk are cleared.<br>Contents in Ram Disk are cleared.  | Only occurs when upgrading OS.  |

## Performing a Soft Reset Boot

You may need to perform a Soft Reset boot to correct conditions where an application stops responding to the system.

### To perform a Soft Reset boot:

Using the stylus, press the **Soft Reset** button.



The RP1300 systematically shuts down.

The computer goes through the initialization process and restarts.

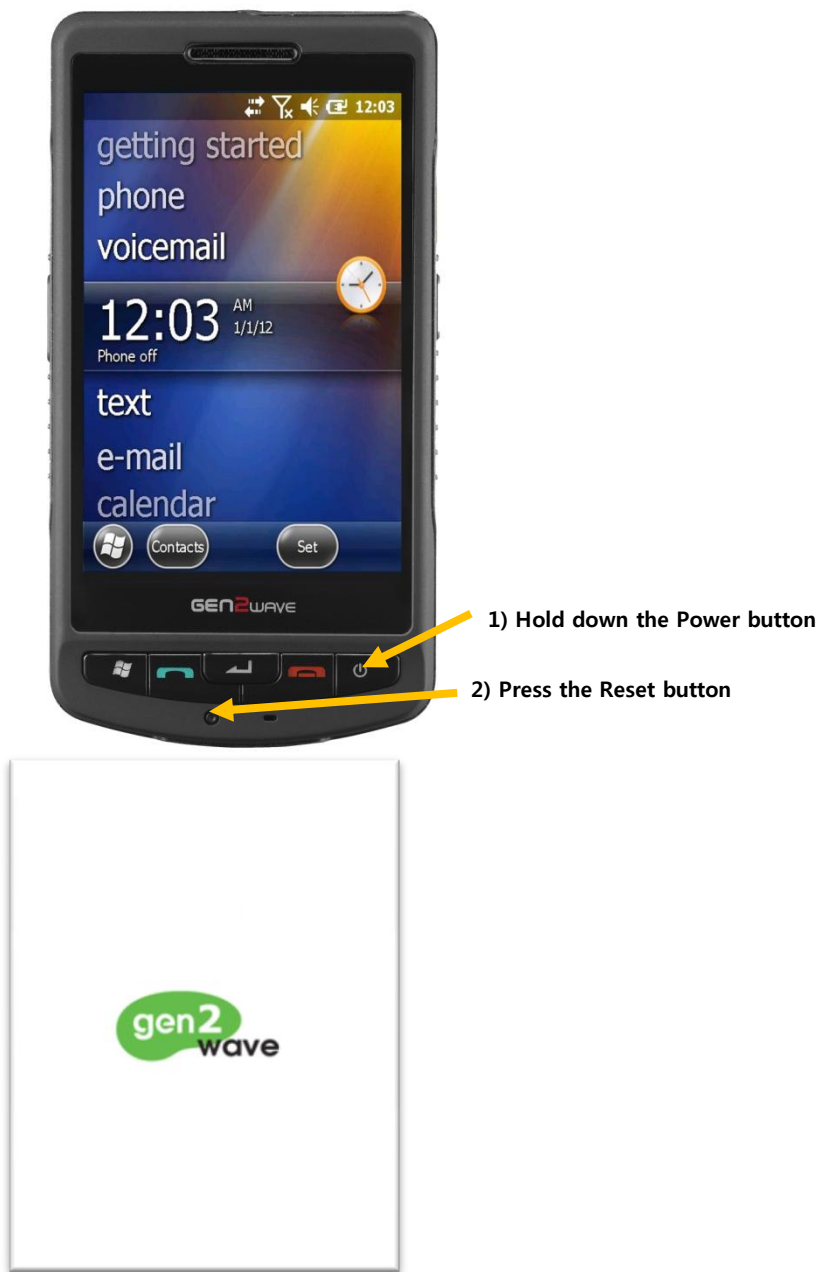


*Splash Screen (Reset)*

## Performing a Hard Reset

**To perform a Hard reset boot:**

Hold down the red Power button, and press the Reset button.



*Splash Screen (Hard-reset)*

## Performing a Clean Boot

A clean boot resets the RP1300 to the factory default settings. All data in the Application folder is retained.



**The clean boot process erases the RP1300 memory, including all applications and data files in the object store. To preserve applications through a clean boot, store them in the Flash File Store.**

To perform a clean boot:

1. Keeping pressing on the volume down button, press the reset button one time.



2. You can see the 'System Setup Screen'.
3. Select '**2. Clean Boot**' and then press **enter** button.
4. When prompted, tap the screen to set up the RP1300.
5. Follow the instructions to calibrate the screen

## RP1300 Service Verification


RP1300 phone and data services require a live SIM card, obtained from a service provider, installed in the RP1300 phone. The SIM card has embedded circuitry on one side of its surface which, when inserted into an RP1300 phone, provides phone service. The SIM card provides a phone number, determines the features or services available to the subscriber, and identifies the subscriber to the network.

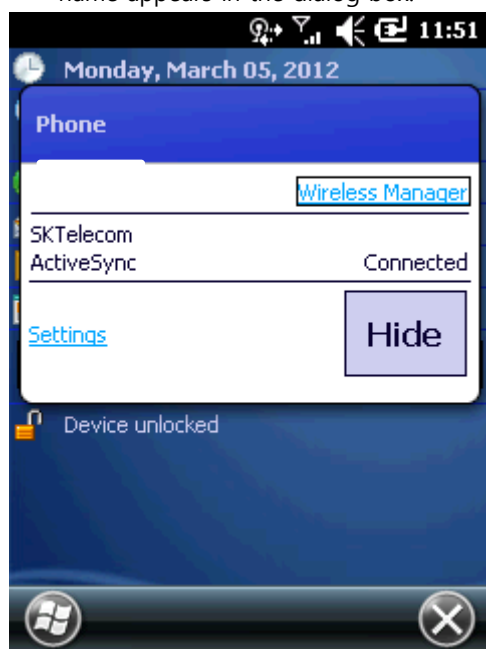
In addition to SIM card installation, the RP1300 may require various settings to operate as a phone with data connection features.

### Ensuring Network Coverage

1. Ensure an activated SIM card, from the phone service provider, is installed in the RP1300.

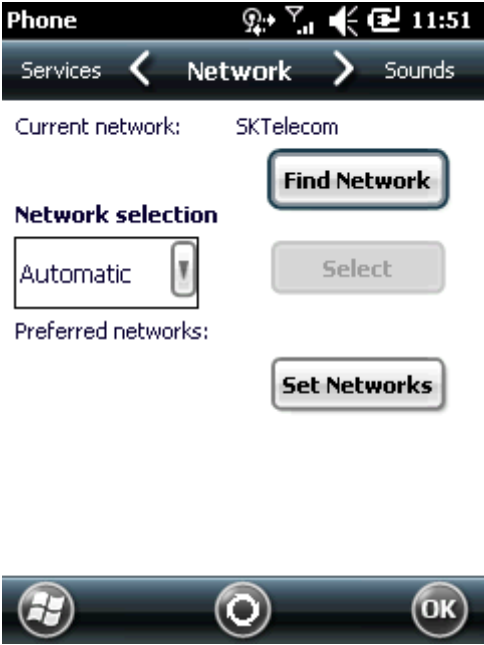
**NOTE** The SIM card must be enabled to connect to the network.

2. Verify active phone and data services by tapping  to display the **Phone** dialog. The Carrier name appears in the dialog box.



*Connectivity Dialog*

3. Verify SIM card functionality:
  - A. Tap **Start** > **Settings** > Personal > **Phone** icon > **Network** tab.



*Phone Settings Window - Network Tab*

- B. Ensure the service provider's network appears in the Current network: field.
- C. If the network does not appear, tap Find Network. If the network still does not appear, verify that the SIM card was installed correctly. If it was, and no network appears, contact the service provider.



# Configuring a Data Connection

## Connecting to an ISP

You can connect to your Internet Service Provider (ISP), and use the connection to send and receive e-mail messages and view web pages.

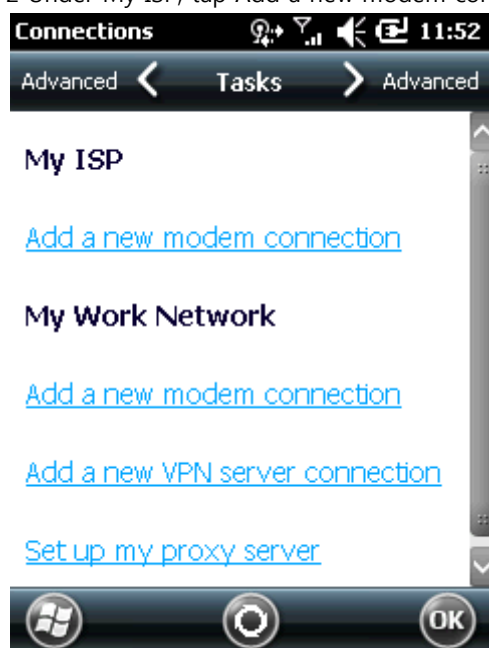
Get an ISP dial-up access telephone number, a user name, and a password from your ISP.

Tap the **Help** icon at any time to view additional information for the wizard or the settings.

### To connect to an Internet service provider

1 Tap Start > Settings > Connections > Connections.

2 Under My ISP, tap Add a new modem connection.



3 Enter a name for the connection, such as "ISP Connection."

4 If using an external modem connected to your RP1300 with a cable, select Hayes Compatible on COM1 from the Select a modem drop-down list.

5 Tap **Next**.

6 Enter the access phone number and then tap **Next**.

7 Enter the **User name**, **Password**, and **Domain** (if provided by an ISP or your network administrator).

8 Tap **Finish**.

9 Tap the **Advanced** tab from the Connections screen and then tap **Dialing Rules**.

10 Select **Use dialing rules**, tap **ok** at the dialog box, and then tap Edit.

11 Specify your current phone type and then tap ok until you exit and return to the Settings page.

Once the RP1300 is connected, you can:

- send and receive message by using Messaging (Outlook E-mail).
- visit web pages by using Internet Explorer Mobile.

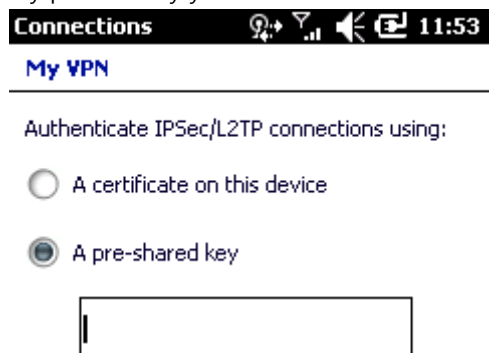
## Connecting to a Network With a VPN Server

A VPN connection helps you to securely connect to servers, such as a corporate network, through the Internet. Before you can make a VPN connection, you will need the following items from your network administrator:

- User name
- Password
- Domain name
- TCP/IP settings
- Host name or IP address of the VPN server

### To create a VPN server connection to work

- 1 Tap **Start** > **Settings** > **Connections**.
- 2 Under My Work Network, tap Add a new VPN server connection.
- 3 In the **Name** field, enter a name for the connection, such as your company name.
- 4 In the **Host name** / IP field, enter the VPN server name or IP address.
- 5 Select the **VPN type** of authentication to use with your RP1300. If you are not sure which option to choose, check with your network administrator.
- 6 Tap **Next**.
- 7 Select a way for the RP1300 to authenticate the connection. If you select **A pre-shared key**, enter the key provided by your network administrator.



- 8 Click **Next**.
- 9 Enter the **User name**, **Password**, and **Domain** (if provided by an ISP or your network administrator).
- 10 Tap **Finish**.

# RP1300 Settings

Use the **Phone Settings** window to customize settings, such as the ring type and ring tone for incoming calls, security options, and other options depending on the type of service.

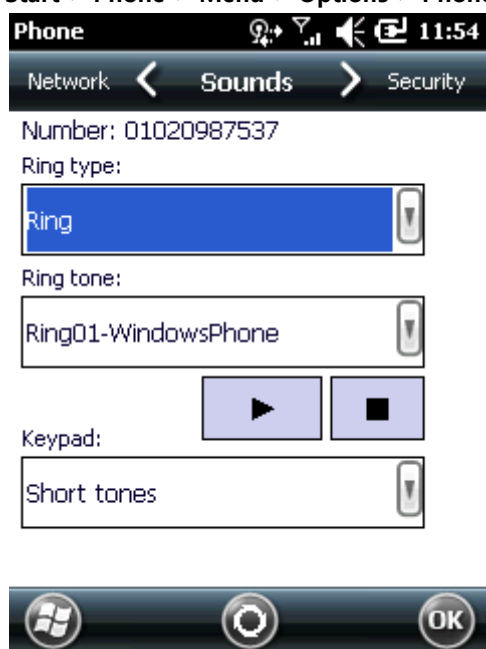
## Phone Tab

Use the **Phone** tab to customize ring type, ring tone, keypad tone, and security options.

Tap **Start** > **Settings** > **Personal** tab > **Phone** icon > **Phone** tab



or

**Start** > **Phone** > **Menu** > **Options** > **Phone** tab.



*Phone Window - Phone Tab*

## Sounds

1. **Phone Number** automatically displays on the **Phone** tab when a live SIM card is installed.
2. Select a ring type from the **Ring type:** drop-down list. The ring type changes the way the RP1300 rings when you receive an incoming call. Regardless of the ring type selected, a dialog box appears on the RP1300's display for incoming calls.
3. Select a ring tone for incoming calls from the **Ring tone:** drop-down list. To hear a sample of the selected ring tone, tap . Tap  to end the ring tone.
4. Select a keypad tone from the **Keypad:** drop-down list. This selection determines the tone that sounds when entering a phone number on the keypad.  
Select **Short tones** or **Long tones** to specify the duration of the sound when you press a number on the keypad. Select **Off** to disable tones.

**NOTE** Turning off sounds saves power and prolongs battery life.

# Security Tab

## Enabling a PIN

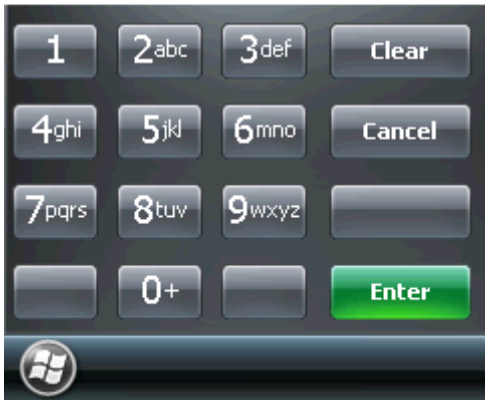
**NOTE** Place emergency calls at any time, without requiring a PIN or a SIM card.



Security Tab

To require a PIN when using the phone:

- 1. From the Security tab, select the **Require PIN when phone is used** check box under **PIN Security**.



Enter PIN

- 2. Use the touch keypad to enter a four to eight digit PIN.

3. Tap **Enter** to enable the PIN and return to the Phone tab.

### Changing a PIN



**CAUTION:** If you enter an incorrect PIN, the message "SIM PIN incorrect: Try again" appears. After three consecutive incorrect attempts, the SIM card is blocked. The phone does not allow you to attempt to enter your PIN again and you must obtain a PIN Unblock Key from your service provider.

1. From the **Security** tab (*Phone Window - Phone Tab*), tap **Change PIN**.
2. Use the touch keypad to enter the current PIN.
3. Tap **Enter**.
4. Use the touch keypad to enter a new four to eight digit PIN.
5. Tap **Enter**.
6. Reenter the new PIN for confirmation and tap **Enter**.
7. Tap **ok** to confirm the change.

### Disabling a PIN

1. From the **Security** tab, deselect the **Require PIN when phone is used** check box.
2. Use the touch keypad to enter the current PIN.
3. Tap **Enter**.
4. Tap **ok** to confirm the change.
5. Tap **ok** to exit settings.

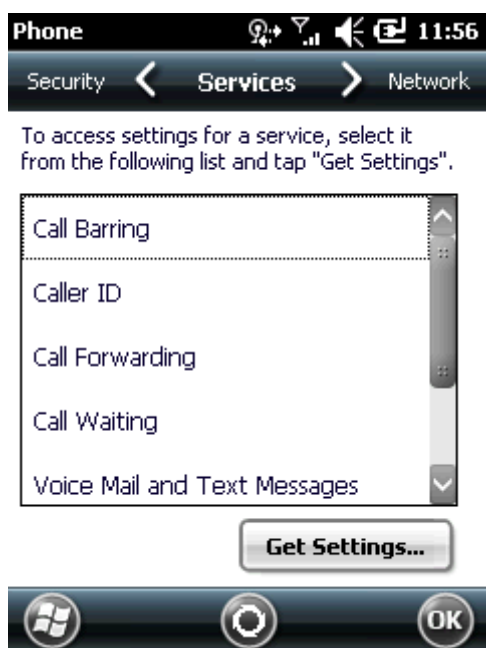
## Services

Use the *Services* tab to configure settings for subscribed phone services. For example, block certain types of incoming and/or outgoing calls, disclose the caller's identity when making outgoing calls, forward incoming calls to a different phone number, receive notification of incoming calls when a phone session is in use, and set up voice mail and short message service.

1. Tap **Start** > **Settings** > **Personal** tab > **Phone** icon > **Services** tab.

or

**Start** > **Phone** > **Menu** > **Options** > **Services** tab.

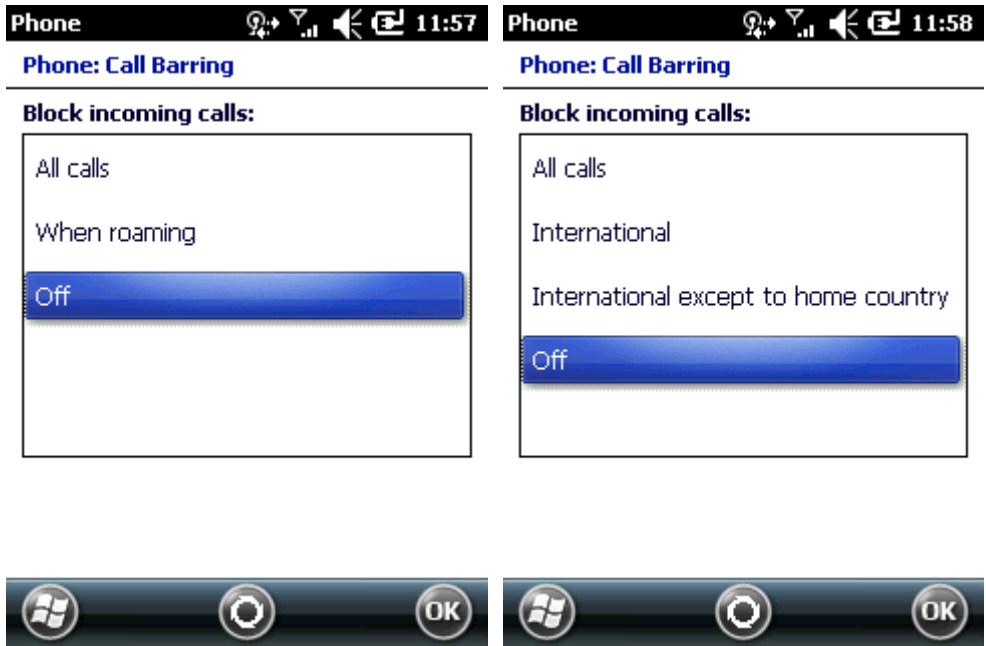


*Phone Window - Services Tab*

2. Select a service from the list and tap **Get Settings...**
3. Change services settings as follows.

Call Barring (Call Blocking)

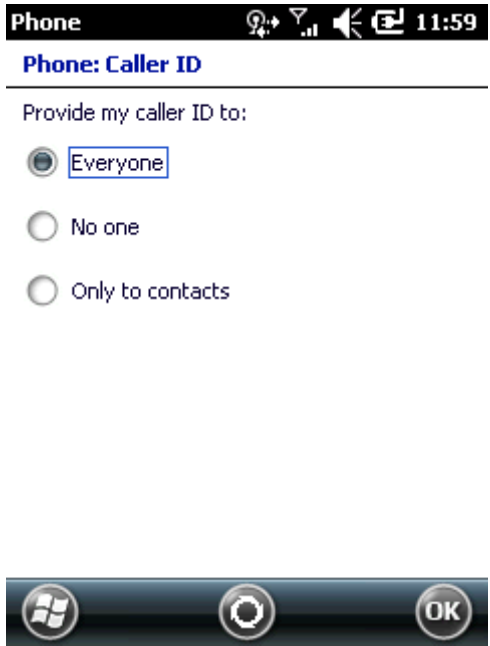
Use call barring to block certain types of incoming and/or outgoing calls. Select the type of incoming and/or outgoing calls to block.



Call Barring

Caller ID

Enable caller ID to reveal the identity of the person making an outgoing call. Select the **Everyone** radio button to always display the caller ID. Select the **No one** radio button to prevent the caller's identity from appearing to others.



Caller ID

## Call Forwarding

**NOTE** Call Forwarding may not be available on all networks. Check with your service provider for availability.

- Use call forwarding to forward incoming calls to a different phone number.
- To forward all calls to a different phone number:
- select the **Forward all incoming phone calls** check box.
- enter the phone number to receive forwarded calls in the **To:** text box.
- To forward incoming calls to a different phone number based on a specific situation, select one or more of the check boxes under **Forward phone calls only if:**.
- **No answer:** enter the phone number to receive forwarded calls only when the phone cannot be answered. Then select a time period from the **Forward after:** drop-down list. Options are 5, 10, 15, 20, 25, and 30 seconds.
- **Unavailable:** enter the phone number to receive forwarded calls only when the phone is turned off or the user is unreachable.
- **Busy:** enter the phone number to receive forwarded calls only when the line is busy.

## Call Waiting

**NOTE** Call Waiting may not be available on all networks. Check with your service provider for availability.

Call waiting notifies you of an incoming call when the phone is in a phone session. Select the **Notify me** radio button to enable call waiting. Select the **Do not notify me** radio button to disable call waiting.



### Phone: Call Waiting

When calls are waiting:

☐ Notify me

☒ Do not notify me

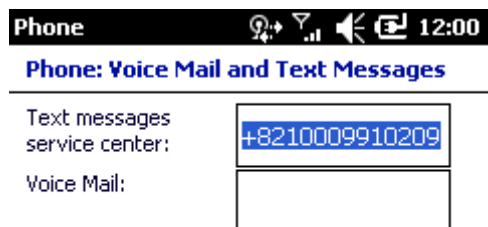


*Call Waiting*

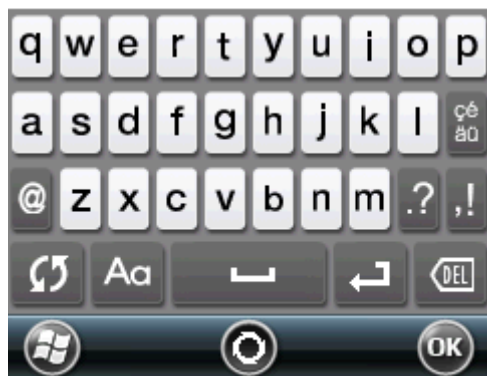


## Voice Mail and Text Messages

To use voice mail and send short messages, enter the voice mail and/or text message phone number in the appropriate text boxes.



The screenshot shows the 'Phone' settings menu with the 'Voice Mail and Text Messages' option selected. Below the title, there are two input fields: 'Text messages service center:' with the value '+8210009910209' and 'Voice Mail:' which is currently empty.



*Voice Mail and Text Messages*

## Fixed Dialing

Use Fixed Dialing to restrict the phone to dial only the phone number(s) or area code(s) specified in a Fixed Dialing list.

1. Select **Fixed Dialing** and tap **Get Settings**.
2. Select the Enable fixed dialing check box.
3. To add a number to the list, tap Menu > Add.
4. Enter the phone number or area code to restrict and tap Done.
5. Repeat steps 3 and 4 to add more numbers, and tap Done twice when complete.
6. Enter PIN2 and tap Done.

## Network

Use the **Network** tab to view available networks, determine the order in which the phone accesses another network if the current network is unavailable, and specify whether to change networks manually or automatically.

The current network remains active until it's changed, the signal is lost, or the SIM card is changed.

The network the RP1300 currently uses appears in the **Current network:** field at the top of the window.

### Changing Networks Manually

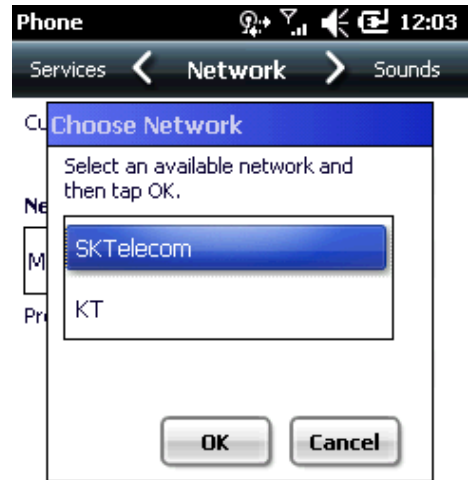
- 1. Tap **Start > Settings > Personal tab > Phone icon > Network** tab
- Or

**Start > Phone > Menu > Options > Network** tab.



*Phone Window - Network Tab*

- 2. From the **Network selection** drop-down list, select Manual.



*Choose Network*

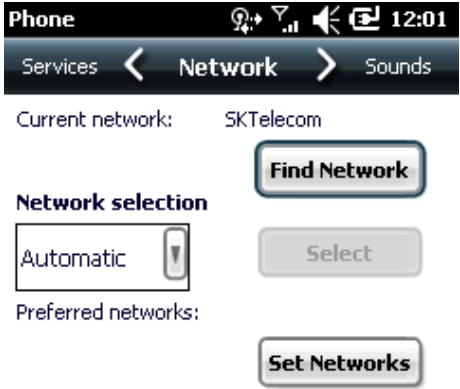
- 3. From the **Choose Network** window, select the network to use.
- 4. Tap **OK**.

**Viewing Available Networks**

To view all wireless networks available:

- 1. Tap **Start** > **Settings** > **Personal** tab > **Phone** icon > **Network** tab.
- or

**Start** > **Phone** > **Options** > **Network** tab.



*Phone Window - Network Tab*

- 2. Tap **Find Network**.



*Choose Network*

- 3. From the **Choose Network** window, select the network to use.
- 4. Tap **OK**.

## Setting Preferred Networks

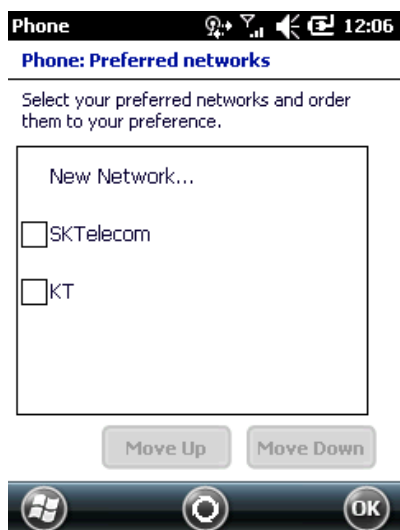
Set networks in a preferred order of access. Setting preferred networks allows the RP1300 to access a second preferred network if the first is unavailable.

1. Tap Start > Settings > Personal tab > Phone icon > Network tab  
or  
Start > Phone > Menu > Options > Network tab.



*Phone Window - Network Tab*

2. Tap **Set Networks** to view all available networks.



*Preferred Networks*

3. Select the preferred networks by tapping one or more check boxes.
4. Tap **Move Up** and **Move Down**, as necessary, to place the selected networks in the preferred order.
5. Tap **ok** to send the new settings to the network.
6. From the **Network** tab, select **Automatic** from the **Network selection** drop-down list.
7. Tap **ok** to exit settings.

## Via Wireless LAN

- You can use the Wireless Network Via Wireless LAN.
- supports IEEE 802.11b and 802.11g and 802.11n..
- To connect the Wireless LAN (AP must be on and functioning)

# Accessories

## Introduction

This chapter provides set up information for the following RP1300 accessories:

- **Charge Only Cable** - Provides power to the RP1300.
- **USB Charging Cable** - Provides power to the RP1300 and USB communication with a host computer.
- **Single Slot Modem/USB Cradle** - Charges the RP1300 main battery and a spare battery. Synchronizes the RP1300 with a host computer through an Modem or USB connection.

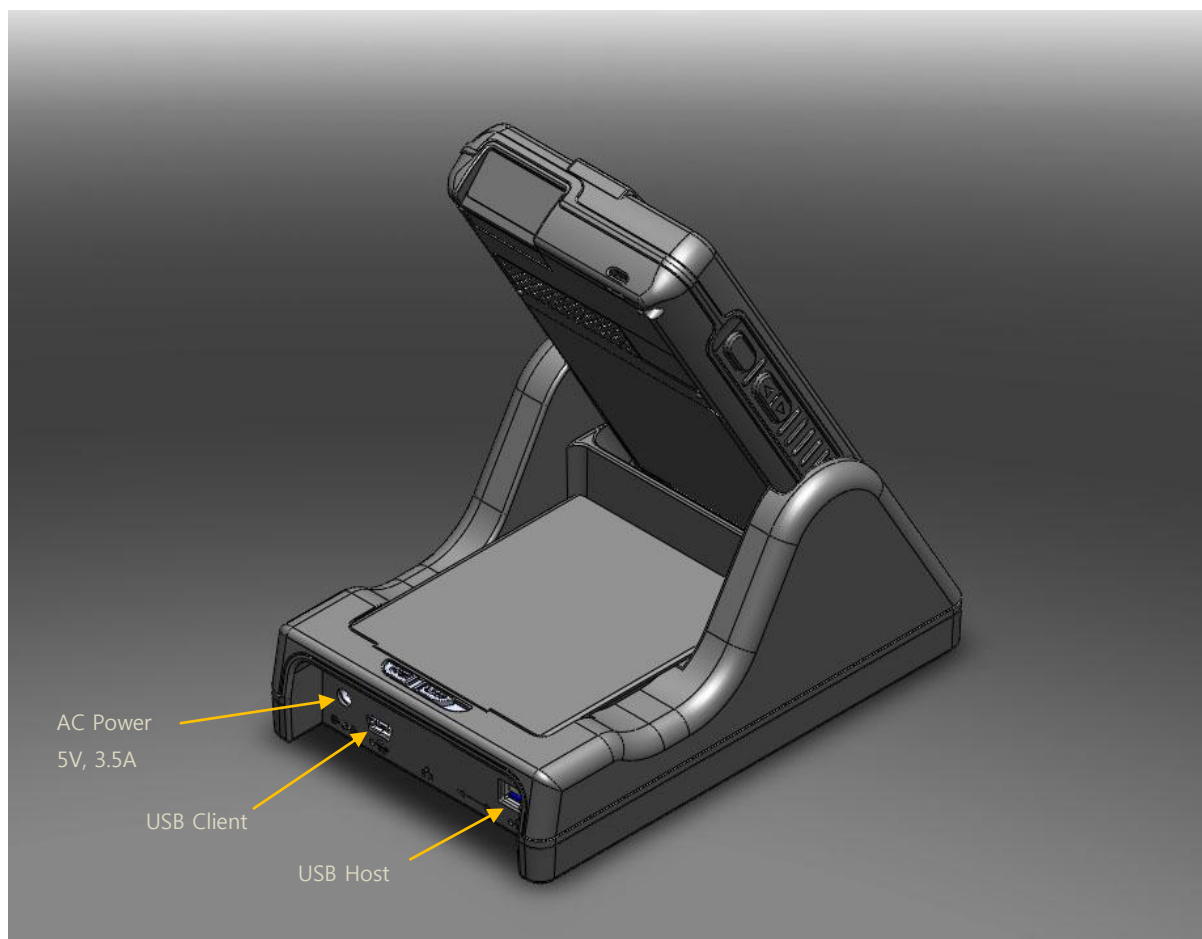
## Single Slot USB Cradle

This section describes how to set up and use a Single Slot USB cradle with the RP1300. For USB communication setup procedures see [ActiveSync Chapter](#).

### The Single Slot USB cradle:

- Synchronizes information between the RP1300 and a host computer. See [ActiveSync Chapter](#) for information on setting up a partnership between the RP1300 and a host computer.
- Charges the RP1300's battery.
- Charges a spare battery.

## Setup



*Single Slot USB Cradle Power and USB Connections*

- Select switch on right : USB Host

# Charging the RP1300 Battery

Connect the cradle to power. Insert the RP1300 into the RP1300 slot to begin charging.

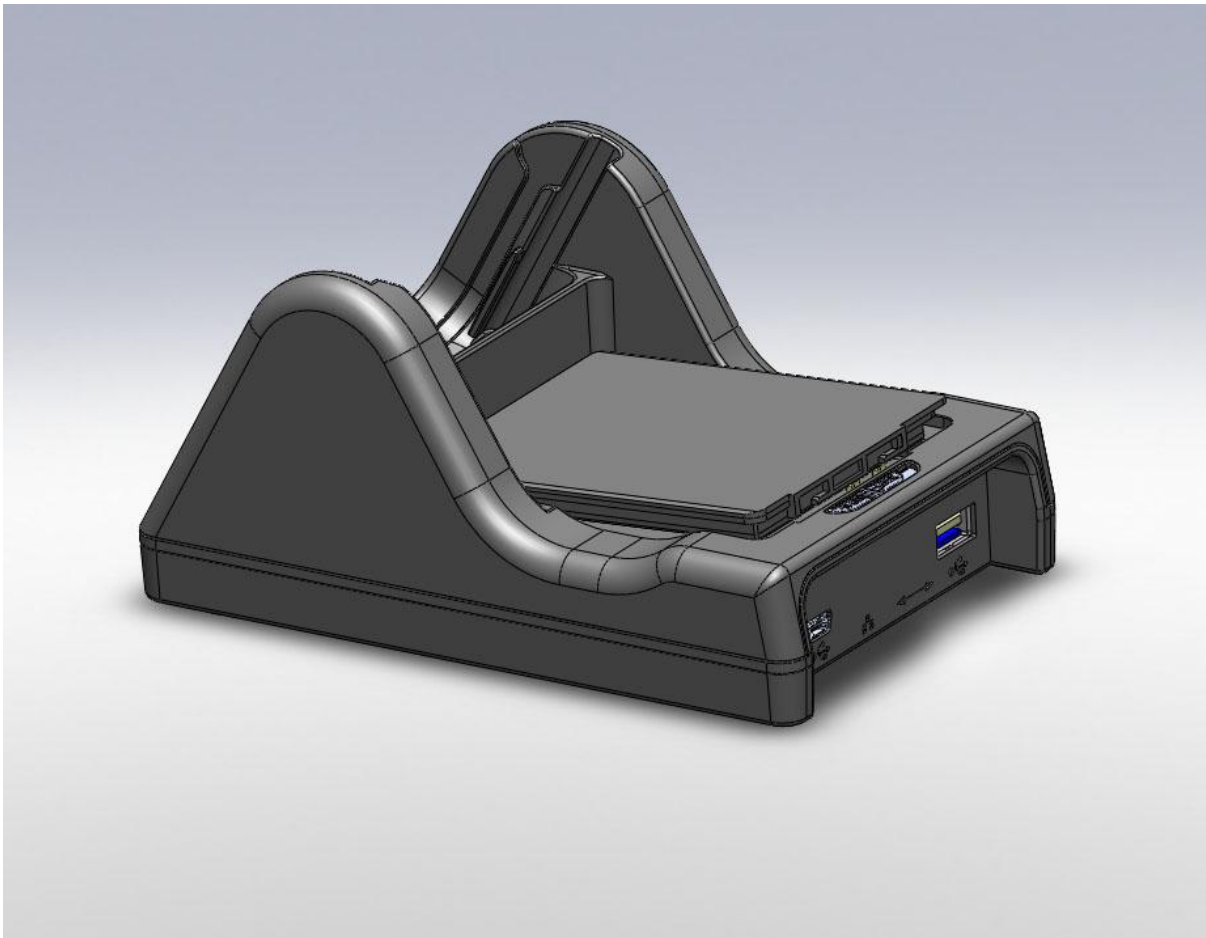
Charging Status



*Charges the RP1300's battery*



Charging the Spare Battery

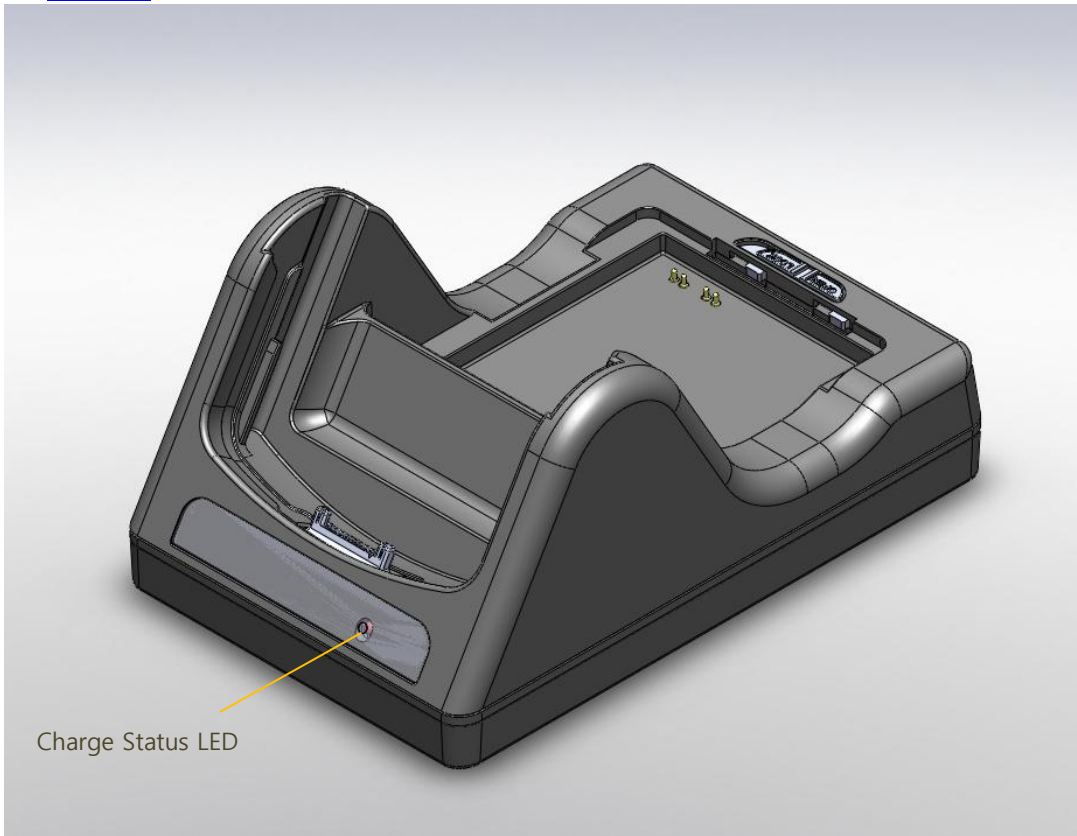


*Spare Battery Charging*

### Battery Charging Indicators

The Single Slot USB cradle charges the RP1300's main battery and a spare battery simultaneously. The RP1300's Charging/Battery Status LED indicates the status of the battery charging in the RP1300. See [Table 1-1](#) for charging status indications.

The spare battery charging LED on the cradle indicates the status of the spare battery charging in the cradle. See [Table 2-1](#) for charging status indications.



Charging Temperature.  
Charge batteries in temperatures from 0°C to 40°C (32°F to 104°F). Charging is intelligently controlled by the RP1300. To accomplish this, for small periods of time, the RP1300 or accessory alternately enables and disables battery charging to keep the battery at acceptable temperatures. The RP1300 or accessory indicates when charging is disabled due to abnormal temperatures via its LED. See [Table 1-1](#) and [Table 2-1](#).

**Table 2-1 Spare Battery LED Charging Indicators**

| Spare Battery LED<br>(on cradle) | Indication                      |
|----------------------------------|---------------------------------|
| Red LED                          | Spare battery is charging.      |
| Green LED                        | Spare battery is fully charged. |
| Off                              | Not charging.                   |

## Charging and Communication

Insert the RP1300 into a slot to begin charging.

### LED Charging Indicators

#### Charge LED

The RP1300's charge LED shows the status of the battery charging in the RP1300. See [Table 1-1](#) for charging status indications.

#### Charging Temperature

Charge batteries in temperatures from 0°C to 40°C (32°F to 104°F). Charging is intelligently controlled by the RP1300.

To accomplish this, for small periods of time, the RP1300 alternately enables and disables battery charging to keep the battery at acceptable temperatures. The RP1300 indicates when charging is disabled due to abnormal temperatures via its LED. See [Table 1-1](#).

# Using the Computer

## Adjusting the Volume of the RP1300


You can adjust the computer volume for your needs and your environment. The volume includes sounds you hear when you tap the screen or scan bar codes with a scanner. You can set the volume to off, very low, low, medium, high, very high (default), and vibrate.

You can use the Volume application (available from the navigation bar) or the Volume buttons (on the side of the RP1300) to change the volume of the computer.



### *Location of Volume Buttons on the RP1300*

#### **To adjust the volume with the Volume application**

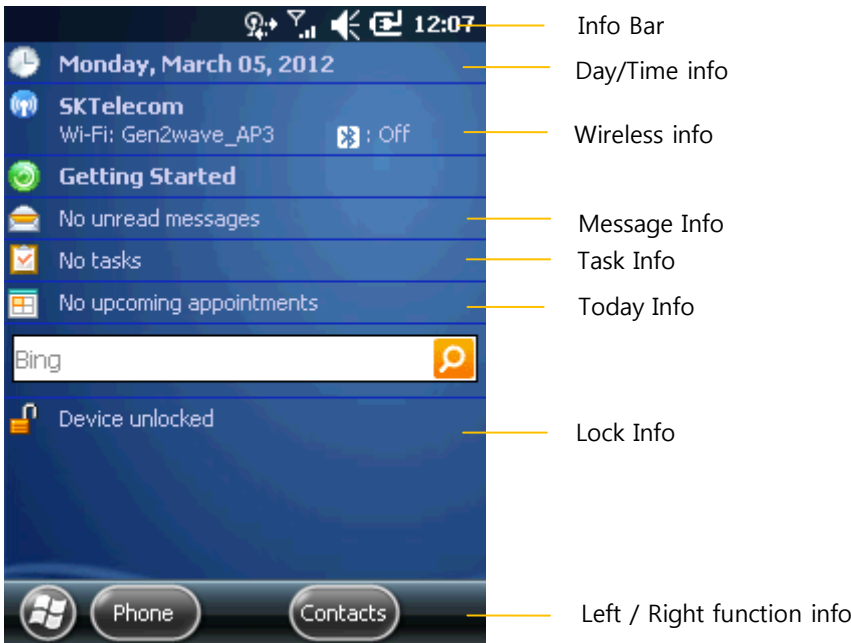
- 1 Tap the Volume (  ) icon at the top of the screen.
- 2 Use your stylus to adjust the volume slider to the volume you want, select **Vibrate**, or select **Off**.

#### **To adjust the volume with the Volume buttons**

- Press the upper side button to increase the volume.
- Press the lower side button to decrease the volume, set the volume to vibrate, or turn the volume off.

## Using the Touch Screen

The RP1300 has a 480 x 640 pixel color touch screen display. Main Screen is set below



Windows Mobile 6.5 Start Screen

To turn the screen LCD on and off

- For the keypad, press power key

## Configuring the Backlight Settings

By default, the RP1300 goes into Screen Off mode when there is no activity on the computer. Screen Off mode turns off the backlight and display. Press a key or tap the screen to resume activity.

### To configure the backlight

- 1 Tap **Start** > **Settings** > **System** > the **Backlight** icon > the Battery Power tab.
- 2 With **Turn off backlight if device is not used for** checked, select the timeout value (30 seconds, or 1 to 5 minutes).

## Using the Stylus

Your computer has a stylus for selecting items and entering information on the touch screen.





### Functions You Can Perform With the Stylus

| Action       | Description   |
|--------------|---|
| Tap          | Touch the screen once with the stylus to select options, open or close applications, or launch menus from the Command bar.                                |
| Drag         | Hold the stylus on the screen and drag across the screen to select text and images.   |
| Tap and hold | Tap and hold the stylus on an item to see a menu of actions available for that item. On the pop-up menu that appears, tap the action you want to perform. |

## Understanding the Screen Icons

Use the screen icons on the navigation bar and the command bar to see the network connection status and other system information. For information about the battery icons, see ["Checking the Battery Status"](#). Some standard Microsoft icons are included in this table.

### Screen Icons

| Icon  | Description  |
|---|--|
|  | The volume is turned off. To turn the volume back on, tap this icon and choose your setting. |
|  | The computer is connected to the network.  |
|  | The computer is not connected to the network.  |
|  | The 802.11 radio is connected to the wireless network.                                       |

## Aligning the Touch Screen

If the touch screen does not respond when you tap it with the stylus, you may need to calibrate the screen. Before you calibrate the touch screen, make sure the RP1300 screen is unlocked.

To calibrate the touch screen

- 1 Tap **Start** > **Settings** > **Systems** > **Screen**.
- 2 Tap **Align Screen** and follow the instructions to align the screen.
- 3 Click **ok**.

If the touch screen is so out of alignment that you cannot open the Start menu, you may need to align the screen menu using only the keypad.

## Rotating the Screen

The internal accelerometer enables you to have the screen rotate by sensing the orientation of the RP1300. You can enable the screen to rotate all the time depending on orientation, you can enable it to rotate for specific applications, you can disable rotation for selected applications, or you can disable it.

To configure the screen rotation

1. Tap Start > Settings > Systems > TAS Config.



Display layout can be automatically  
by sensing the device orientation.  
select one of the following

☐ Enable all

☐ Enabled for selected applications

☐ Disabled for selected applications

☒ **Disable all**

Selected applications may be  
in screen rotation settings

Calibration

You must keep the device  
horizontal.

Calibration



2. Calibration
3. Select the option ("Enable all") you want to use.

## Reading Bar Codes

The RP1300 ships with an internal imager to read and enter bar code data.

### To read a bar code

1. Press Power key to turn on the RP1300.
2. Point the scanner window at the bar code label, and hold the RP1300 steady a few inches from the label.
3. In File Explorer, Flash Disk > Scanner > ScanDemo > execute G2W\_Scanner
4. Press the Scan button. The laser pointer and illumination beam and frame appear.
5. Use the laser pointer as a guide and aim toward the middle of the bar code. Make sure that the illumination frame covers the bar code you are trying to decode.  
When the RP1300 successfully reads a bar code label, you hear a high beep.
6. Release the Scan button.



## Using the Color Camera

The high-quality 5.0 megapixel color camera with flash is a standard feature of the RP1300. You can take photos in high, normal, or low quality, with image sizes up to 2048 x 1536 pixels. When you take a picture, the images are saved as .jpg files and stored in the /MyDocuments/My Pictures folder.



*Location of the RP1300 Color Camera*

You can use the Pictures & Videos application on the RP1300 to take, view, and edit pictures or record and launch video clips stored on the RP1300 or a storage card. You can also send pictures and video clips to others or save an image as the background on the Today screen.

After you have opened up the camera application, you can configure camera options by tapping Menu. You can zoom in or out on an image while using either camera mode or video mode.

| Function      | Still   | Video      | Comment                   |
|---------------|---|------------|---------------------------|
| Mode          | Normal, Burst, Timer                                | N/A        | Setting for taking photo  |
| Brightness    | -3, -2, -1, 0, +1, +2, +3                           |            | Setting for Brightness    |
| Resolution    | QCIF, QVGA, VGA, SVGA, XGA, SXGA, UXGA, QXGA        | QCIF, QVGA | Setting for size          |
| White Balance | Automatic, Sunny, Cloudy, Fluorescent, Incandescent |            | Setting for White Balance |
| Flash         | Flash ON, Flash OFF                                 |            | Setting for Flash ON/OFF  |
| AF            | Trig AF   |            | Setting for Auto Focus    |

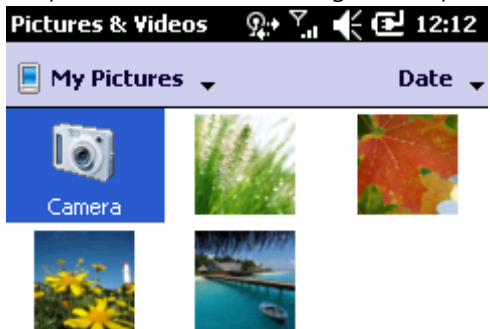


Camera is optional. On the device with no built-in camera, Camera function can not be used.

**To take a picture with the camera**

1 Tap **Start** > **Pictures & Videos**.

2 Tap the Camera icon in the grid, or tap Camera on the taskbar.



3 Using the screen as a viewfinder, move the camera until you have the image you want to capture.

4 Tap **Take Pic** on the taskbar or press Enter to save the image. If you select to save your pictures to Main memory, they are saved to permanent storage on the RP1300.

5 Auto Focus: Press and hold "Enter" key for 2~3 sec. till you hear sound "Tik" and then release the key.

**To switch to Video mode**

- Tap **Menu** > **Video** Mode.

The camera icon below the screen turns into a video camera and **Record** now appears in the taskbar.

### To set options for saving pictures

1. From the Pictures & Videos application, tap **Menu > Options**.
2. Set these options:
  - (Optional) A filename prefix. The default prefix is .img.
  - Where you want to save picture files.
  - The still image compression level.
3. Click **ok**.

You can also set options for flash, video, quality, and some advanced options from the Settings menu.

## Using a microSD Card

### To install a microSD card

1. Remove the battery.
2. Insert the microSD card in the bottom slot.
3. Install the battery.
4. Turn on the RP1300

You should be able to navigate to the Storage Card folder and see the contents of the microSD card.

## Enabling the Integrated GPS on the RP1300

The RP1300 comes equipped with an integrated Global Positioning System (GPS) receiver.

## Using the A-GPS on the RP1300

To use A-GPS, you need to set parameter in G2W.INI which is located in *Flash Disk\G2W\_Setup*.

Remark:

G2W\_INI is not directly settable on the RP1300.

To set INI parameter, you need to synchronize the RP1300 with your PC.

On the PC, you change INI parameter.

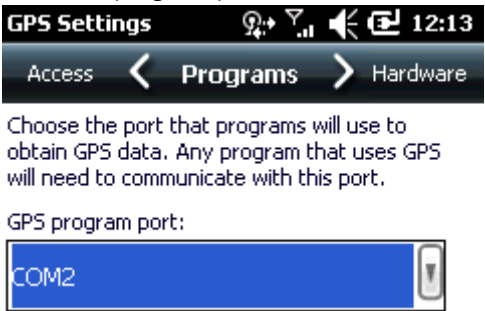
G2W\_INI is convenient setting tool to control various functions

[G2W\\_setup manual is available for download](#).

### To configure your GPSID settings

- Tap Start > Settings > System > External GPS

- Tap **External GPS**. The GPS Settings screen appears.
  - ✓ GPS program port: COM2 or COM9



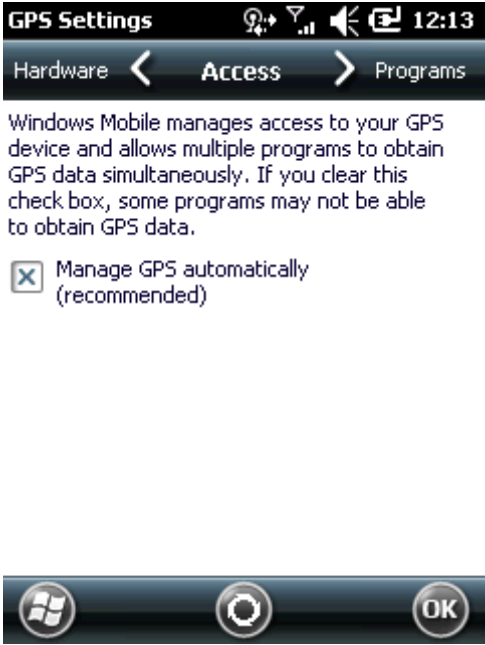
On the **Programs** tab, select the COM port that you want your programs to use to get GPS data from your RP1300.

1. Tap the **Hardware** tab, and confirm these default settings.  
GPS hardware port: COM8

Baud rate: 9600



2. Tap the **Access** tab and select the Manage GPS automatically heck box.



- 3. Tap **ok**.

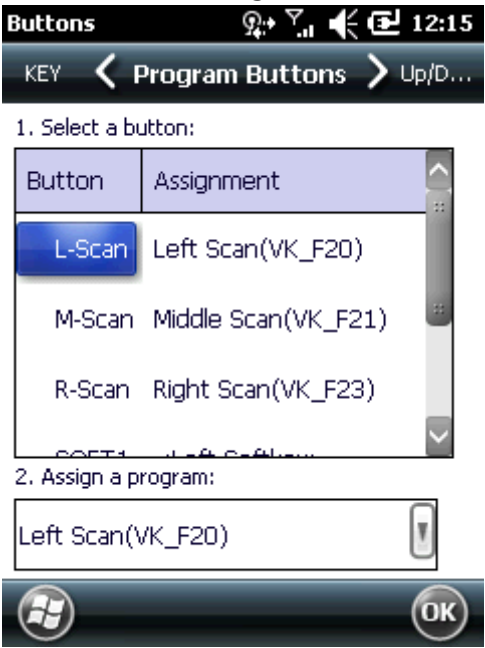
Button Assign Function

- Assign Button : L-Scan key, R-Scan key, Volume, Camera key, Call key, End key,



■ Button Assign Method

- 1. Start Menu -> Settings -> Personal -> Buttons



- 2. Select a button in "1. Select a button" field.
  - 3. In "2 Assign a program" field, select the program and press the "ok".
- ※ If you assign the [Virtual keyboard](#), select the "<Input Panel>" in the "2 Assign a program" field.

# Connecting and Configuring the RP1300

Use this chapter to understand how to configure the RP1300 to communicate in your network.

## Connecting the RP1300 to a PC

You can use Microsoft ActiveSync to establish a connection between your RP1300 and PC. ActiveSync lets you transfer files, synchronize files, remotely debug, and perform other device management activities.

ActiveSync is a free application available from the Microsoft web site at

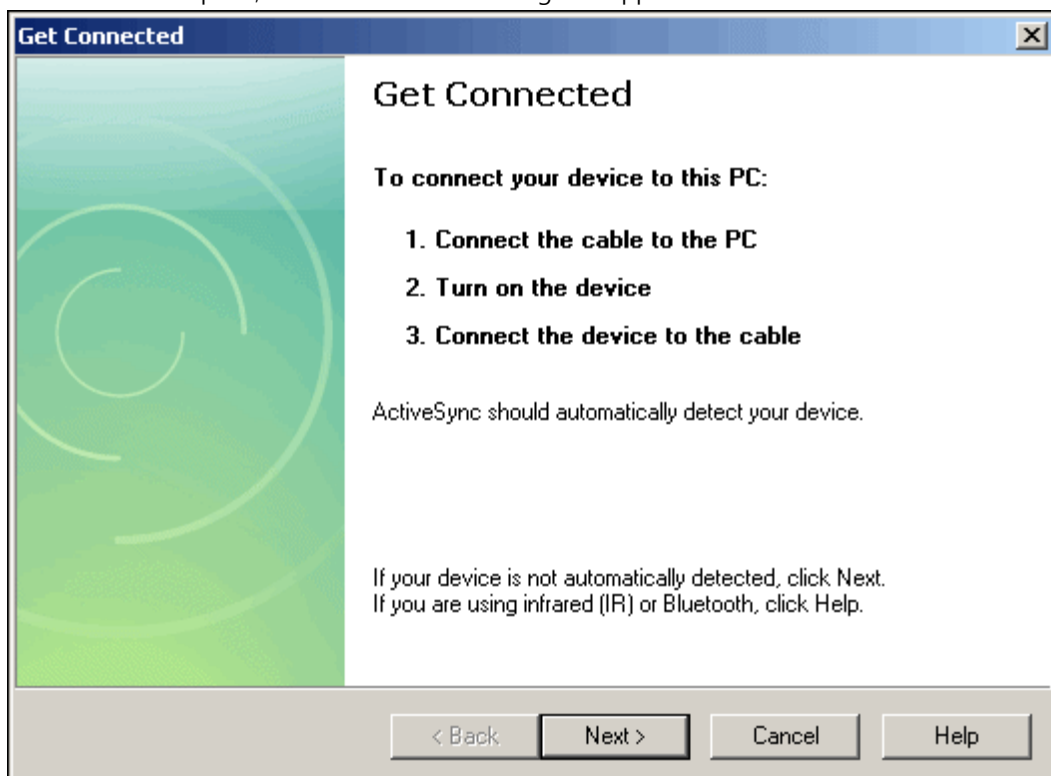
[www.windowsmobile.com/getstarted](http://www.windowsmobile.com/getstarted).

To establish an ActiveSync partnership between your RP1300 and PC, you need to physically connect your RP1300 to your PC using these accessories:

- RP1300 AC adapter
- USB to micro-USB cable

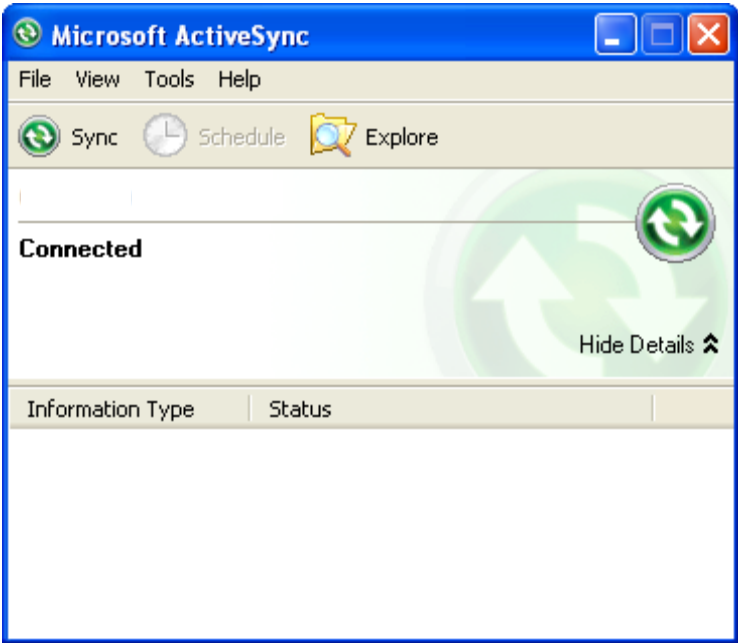
### To establish an ActiveSync partnership

1. Download ActiveSync from the Microsoft web site and install ActiveSync on your PC. When installation is complete, the Get Connected dialog box appears.



2. Follow the onscreen instructions to establish a partnership. When the partnership is established, the Microsoft ActiveSync screen appears on your PC.





Connecting the RP1300 to Your Network

The RP1300 is a versatile mobile computer that you can easily add to your wireless or wired data collection network. You can connect your RP1300 using:

- 802.11 radio communications.
- Bluetooth communications.
- USB communications.

**Note:** The RP1300 radios are disabled when the battery is low. Attach a charger or replace the battery to re-enable the radios.

## Connecting the RP1300 Using WIFI Communications



Make sure all components with antennas are at least 30 cm (1 ft.) apart when power is applied. Failure to comply could result in equipment damage.

Your RP1300 has an 802.11 radio to transfer data using wireless communications. This section assumes that your wireless network is set up, including your access points.

### To configure 802.11 radio parameters


1. Tap Start > Settings > Connections > Wireless Manager > WI-FI status is changed to ON.



2. Menu > Wi-Fi Settings. The Configure Wireless Networks page appears.
3. If the Network you want to connect to is available in the wireless networks list, tap the network name and proceed to Step 4.

If the Network you want to connect to is not in the wireless networks list:

- Tap **Add New**.
  - In the **Network Name** field, type in the name of your network and then tap **Next**. The Configure Network Authentication page appears.
4. From the Authentication list, choose either **Open**, **Shared**, **WPA**, **WPA-PSK**, **WPA2**, or **WPA-PSK**.
    - If you choose **Open** or **Shared**, **Data Encryption** is automatically set to WEP and the key is automatically provided.
    - If you choose **WPA**, Data Encryption is automatically set to **TKIP**.
    - If you choose **WPA2**, **Data Encryption** should be set to **AES**.


- If you choose **WPA-PSK**, **Data Encryption** is automatically set to **TKIP** and you need to enter a **Network key**.
  - If you choose **WPA2-PSK**, **Data Encryption** should be set to AES and you need to enter a **Network key**.
5. Tap Next.
  6. For EAP type, select either PEAP or Smart Card or Certificate from the list and tap Finish. You return to the Configure Wireless Networks page.
  7. Tap Connect. The RP1300 prompts you to enter this network information:
    - User name
    - Password
  8. Tap OK. Your device connects to the network.
  9. Make sure that your RP1300 is talking to the network and that the network can see your RP1300. If you are connected to the wireless network you will see a connected icon  in navigation bar and you will see the name of your network next to Wi-Fi in the Wireless Manager.



Wireless LAN is optional. You can only use WLAN, When the WLAN module is built in to the device

# Connecting the RP1300 Using Bluetooth Communications

You RP1300 is Bluetooth™-enabled, which lets you connect to other Bluetooth devices, such as printers. You need to turn on the Bluetooth radio before you can discover and connect to other Bluetooth devices. By default, the radio is turned off.



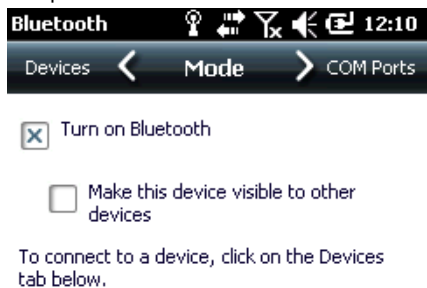
**Caution**

Bluetooth is optional. Device without built-in Bluetooth can not use Bluetooth service.

Bluetooth support the transmission and reception of files between the serial connecting service and Windows Mobile device.

## To turn on the Bluetooth radio

- 1 Tap **Start > Settings > Bluetooth > the Mode tab.**
- 2 Tap the **Turn on Bluetooth** checkbox.



Or Tap the **Bluetooth**.



3 (Optional) If you want your RP1300 to be visible to other Bluetooth devices, tap **Make this device visible to other devices**.

4 Tap **ok**.

The Bluetooth radio maintains its current state through a reset or hard reset and maintains virtual COM ports. If you clean boot your RP1300, you need to recreate pairings to devices.

## Configuring the Phone

The RP1300 supports two types of mobile wireless phone technology:

- HSDPA
- UMTS

With the radio module installed in the RP1300, you can send and receive telephone calls as well as transmit data through wide-area (WAN) cellular networks.

The RP1300 provides a phone speaker, microphone, and speakerphone. It also supports the use of a Bluetooth headset or hands-free kit. The factory default setting for the phone is disabled.

After you have turned on the phone and activated with the wireless carrier of your choice, you can customize the features of the phone and network settings.

## Turning On the Phone Using the Wireless Manager

You can use the Wireless Manager to enable and disable Bluetooth, Wi-Fi, and the phone on your RP1300.

To turn on the phone using the wireless manager

1 Tap **Start > Settings > Connections > Wireless Manager**.



2. In the Wireless Manager, tap **Phone**. The phone turns on.

3. Tap **Done** to close the Wireless Manager.

## Blue-Tooth that can be used simultaneously with Wi-Fi

RP1300 Series Bluetooth and Wi-Fi can be used at the same time using the wireless manager.

To turn on the Blue-Tooth and Wi-fi using the wireless manager

- 1 Tap **Start > Settings > Connections > Wireless Manager**.



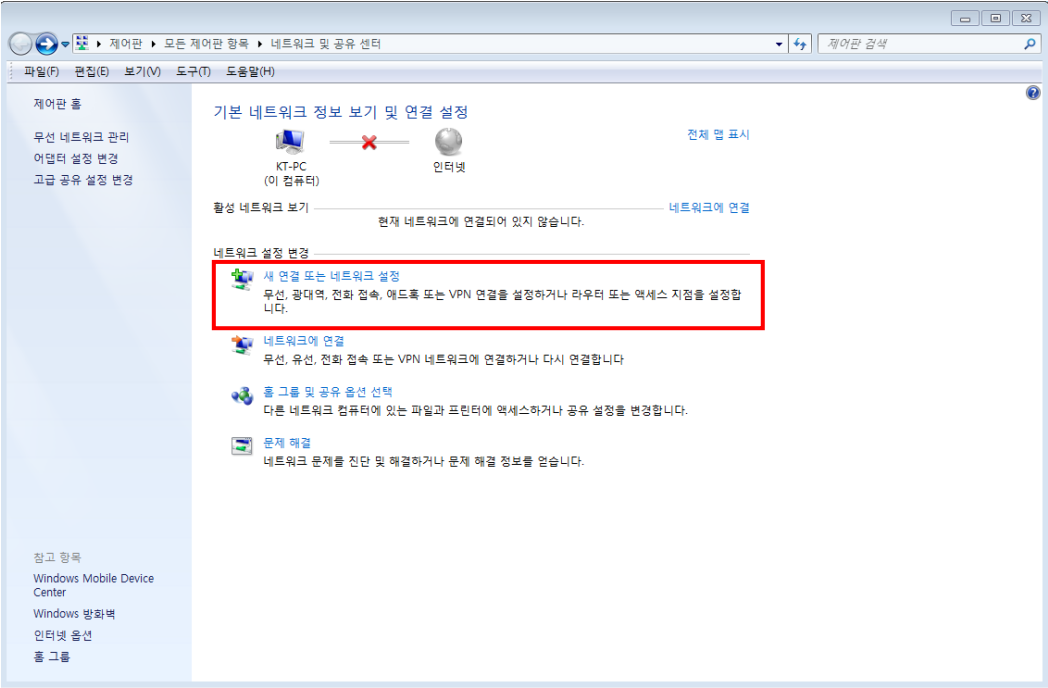
2. In the Wireless Manager, tap Bluetooth and Wi-fi. The Bluetooth and Wi-Fi turns on.  
Wi-Fi setting see **(Connecting the RP1300 Using WIFI Communications page 60)**  
Bluetooth setting see **(Connecting the RP1300 Using Bluetooth Communications page-62)**
3. Tap **Done** to close the Wireless Manager

## Using Internet Sharing

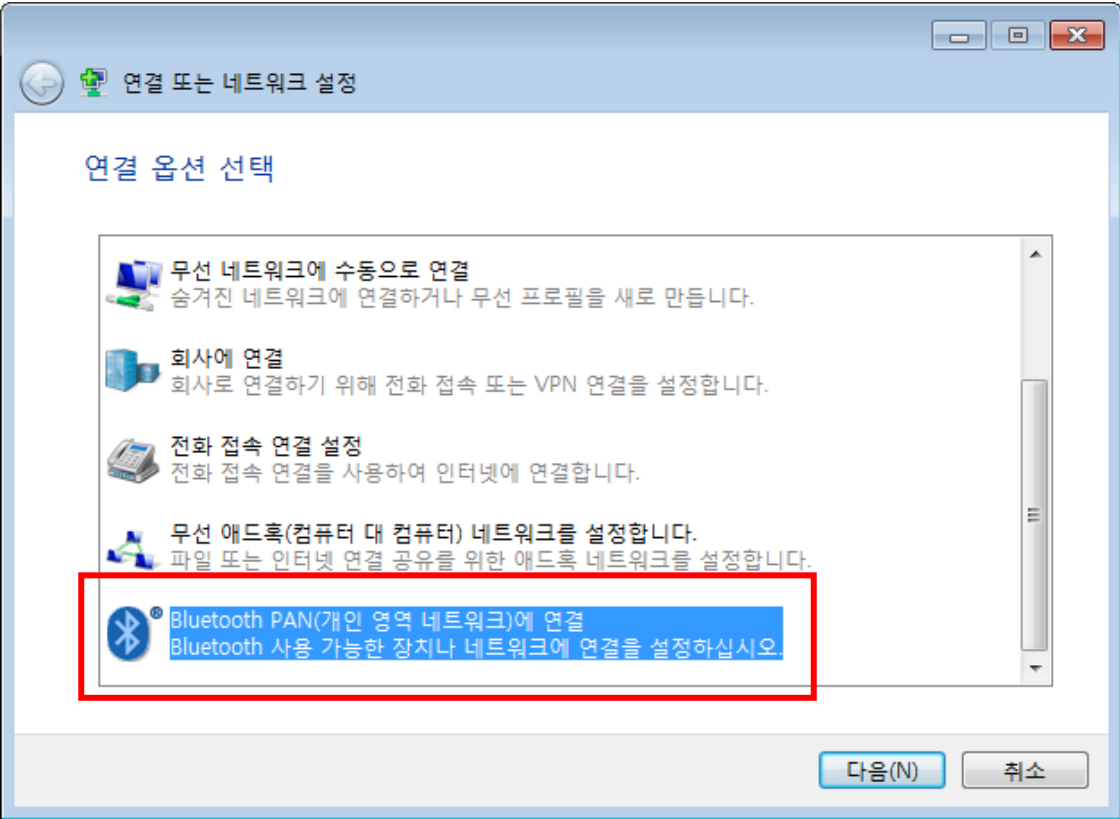
Internet Sharing allows you to setup a connection from your laptop to your mobile phones data connection.

From here the instructions are simple;

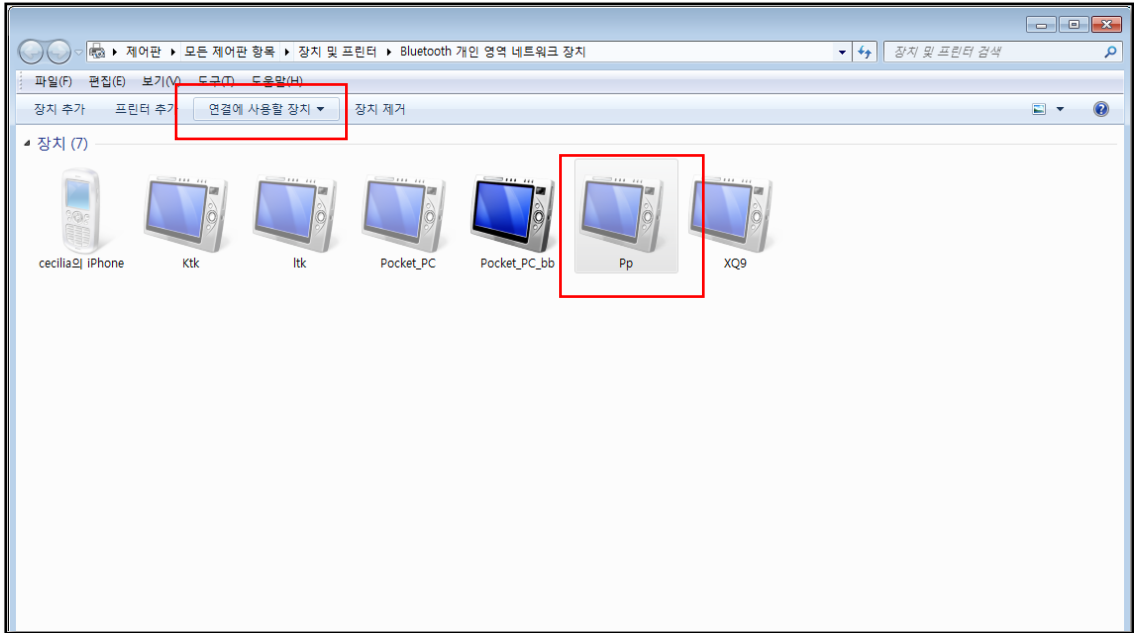
1. Start the application on you mobile phone. It will probably remind you that you're starting the Bluetooth radio and ask you to confirm
2. Next go to your laptop Bluetooth devices and add the mobile device. In most cases you should create a pin when prompted, I usually use 1234.
3. Once you've connected the Bluetooth device you need to go to the network and sharing center and click setup a new connection



4. Select setup a new connection, and all going well you should see 'Connect to a Bluetooth PAN



5. Hit connect and you should now be connected to the internet via your mobile!





## Making a Phone Call

After you turn on your phone, you are ready to start making phone calls. The icon in the navigation bar will change to indicate that the radio is now active.

### To make a phone call

1. Tap **Start > Phone**.
2. Tap the keys to enter the telephone number you want to call.
3. Tap the **Talk** button.

# Installing Applications

Use this chapter to understand the guidelines for applications for use on the RP1300.

## Installing Applications on the RP1300

There are several ways you can install applications on your mobile computer:

- You can package your application as a cabinet (.cab) file.
- If you have a simple application, you may only need to deliver the .exe file.
- You can copy a directory structure that contains the application, supporting files, DLLs, images, and data files.

Gen2wave recommends using .cab files to install your applications. The mobile computer uses standard Windows Mobile .cab files and will install third-party .cab files. You can have your .cab files place your application in any of these memory locations on the mobile computer:

- The Object Store.
- The optional microSD card. Depending on available disk space, you may want to consider installing you application files on the microSD card. Using a microSD card creates the Storage Card folder on the RP1300.
- The non-volatile Flash File Store. Applications and data in the Flash File Store will persist through a clean boot. Since the flash in the system has a limited number of write cycles, do not use the Flash File Store for excessive writing.

There are several ways you can install files and applications on the RP1300:

- ActiveSync
- microSD card

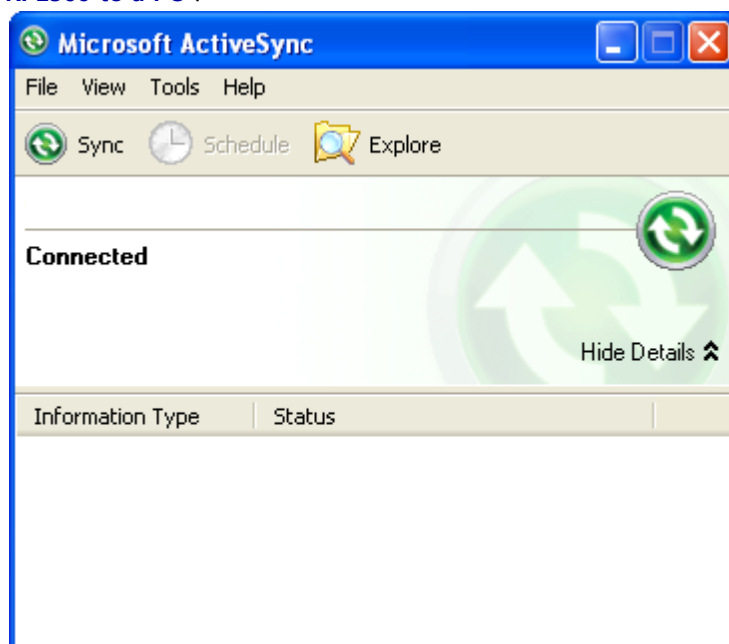
The following sections explain how to use each one of these processes to install your application on the computer.

## Installing Applications Using Microsoft ActiveSync

You can send applications from your PC to your RP1300 using Microsoft ActiveSync. To download ActiveSync or the Windows Mobility Center.

### To install an application using Microsoft ActiveSync

- 1 On your PC, copy the .cab file you want to download to your RP1300.
- 2 Create an ActiveSync connection between your PC and RP1300. For help, see [“Connecting the RP1300 to a PC”](#).



- 3 Click **Explore**. The Mobile Device window opens.
- 4 Double-click My Windows Mobile-Based Device.
- 5 Navigate to the folder you want to copy the .cab file to, and paste the .cab file in the folder.
- 6 On your RP1300, tap **Start > Programs > File Explorer** and navigate to the location of the .cab file.
- 7 Tap the .cab file to install it.

## Installing Applications Using a microSD Card

You can also use a microSD card to install applications.

### To install applications using the microSD card

- 1 Suspend the RP1300 and remove the microSD card.
- 2 Insert the microSD card into a microSD adapter card and then place it in the storage card reader connected to your PC.
- 3 Copy your application file to the microSD card.
- 4 Remove the microSD card from the adapter card and insert it into the RP1300.
- 5 On your RP1300, navigate to the storage card folder and run your application.