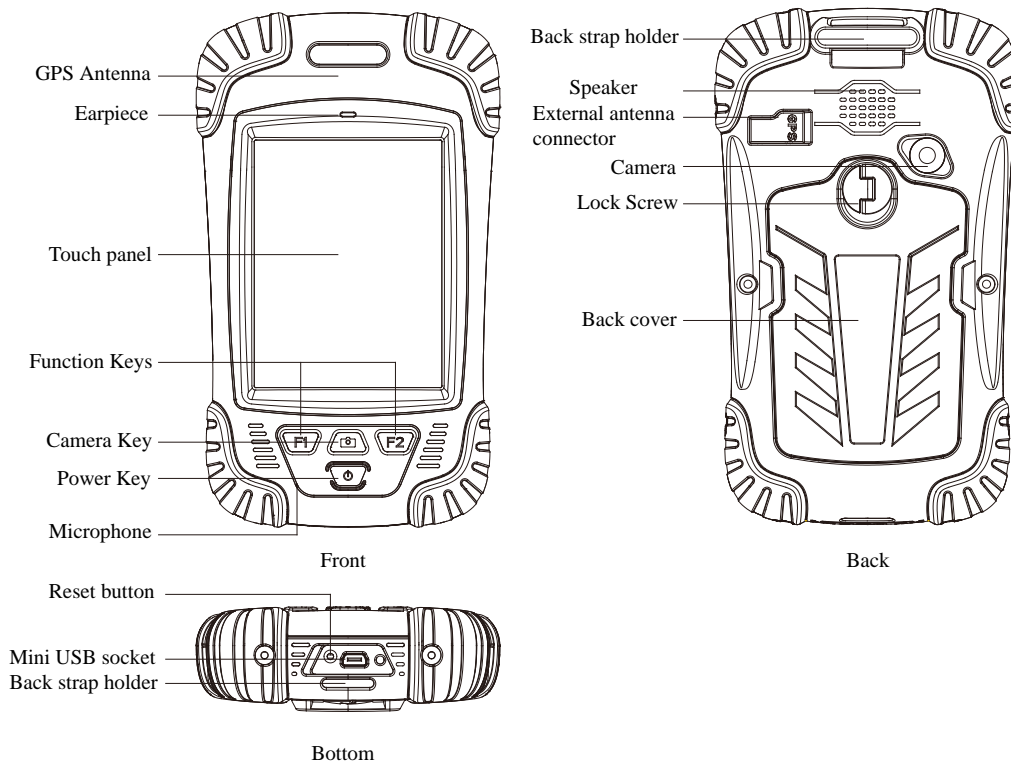


S10 Series Quick Start

1. Appearance



2. Operating steps:

I. Charging

II. Fix TF card/SIM card/battery

III. Turn on the collector

IV. Connect to PC to install application or data

V. Collect GIS data with internal GPS and GIS application

VI. Upload data

• **Charging**

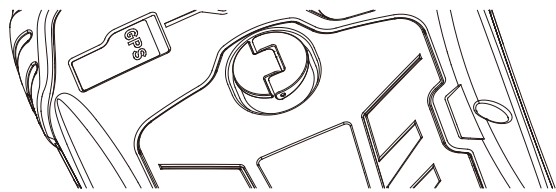
Insert the Li-ion battery into the battery charger to charge.

Remark: mini USB cable can also be used to charge the receiver. When normally charged, there is charging icon in the screen if receiver is off and there is charging icon to the top right corner in the screen if receiver is on.

• **Fix TF card/SIM card/Battery**

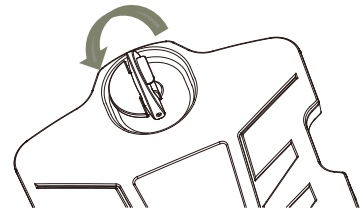
- 1、 Turn the back cover screw to the open position according to the instruction on the back cover and take off the back cover (figure 1).
- 2、 Fix the SIM card and TF card according to the instruction in the battery cabin (figure 2).
- 3、 Fix the battery.
- 4、 Fix the back cover and turn the back cover screw to the lock position according to the

instruction on the back cover (figure 1).

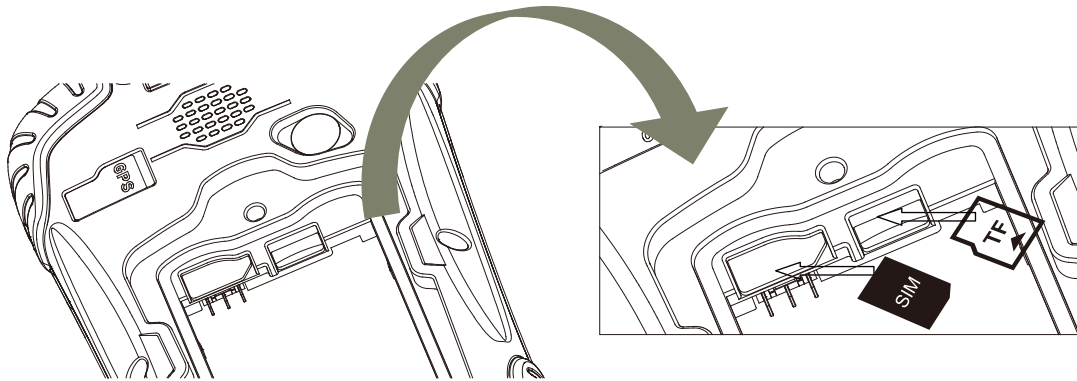


Turning Lock

Counter clockwise rotation



(Figure 1)



(Figure 2)

- **Turn on/off collector**

- 1、 Make sure there is enough power in battery, or connect receiver to PC with mini USB cable (with battery in).


- 2、 Press power button for 3~5 seconds to turn on (until the boot screen appears) / turn off.

Remark: if receiver is down, press the reset button in the bottom of receiver to reset.

- **Connect to PC**

- 1、 Make sure Microsoft ActiveSync application has been installed in PC.

- 2、 Connect receiver to PC with mini USB cable.

- 3、 ActiveSync application connect receiver and PC automatically. There is  icon

appears in the tool bar of PC and 'Synchronization Setup Wizard' appears meantime, click 'Cancel'.

- 4、 Click 'Browse' to check the files in receiver, then transfer data between PC and receiver.

- **Install Application**

- 1、 Make sure S10 is connect with PC via ActiveSync.

- 2、 Click install file on PC to start the installation. If the install file is compatible for mobile device, copy the file into S10 and click to start the installation.

- 3、 Select installation directory in S10 ('Flash Storage' is suggested), click 'install'.

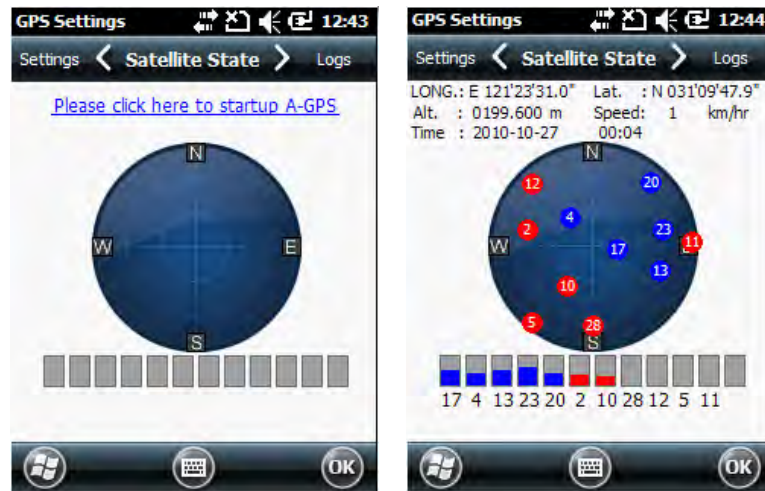
Remark: it's suggested to install the application in 'Flash Storage', save data in TF card.

- **Use GPS**

- **Option 1**

Use the internal GPS settings.

1. Start->Settings->System->GPS Settings->Satellite State
2. Click 'Please click here to startup A-GPS'.
3. Wait until get GPS information.

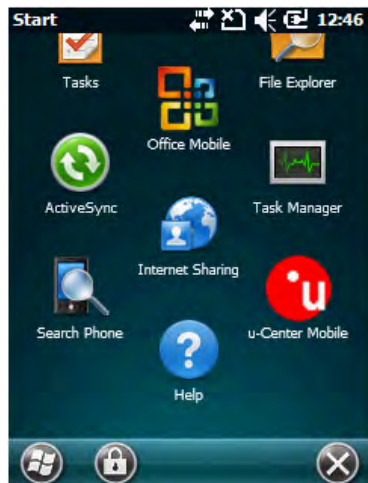


Option 2

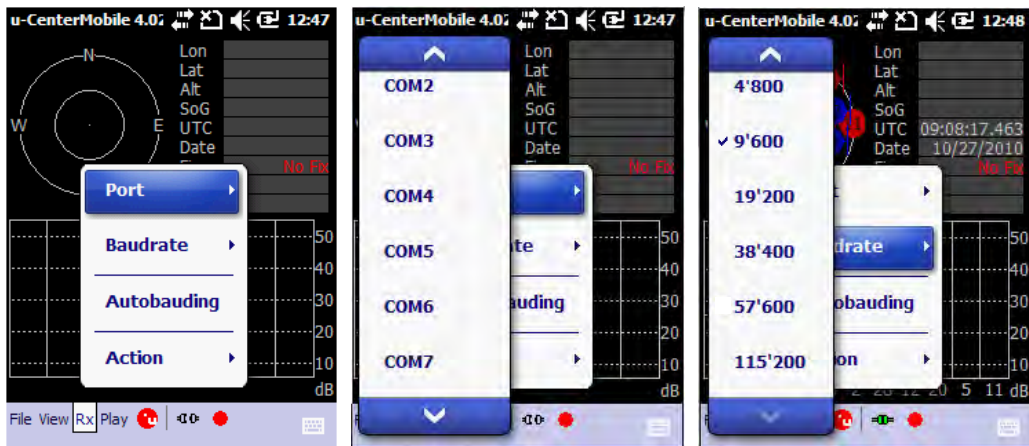
Use user-define application software: Set COM port as COM6 and baud rate as 9600 in application.

Here take 'u-center mobile' application software for example.

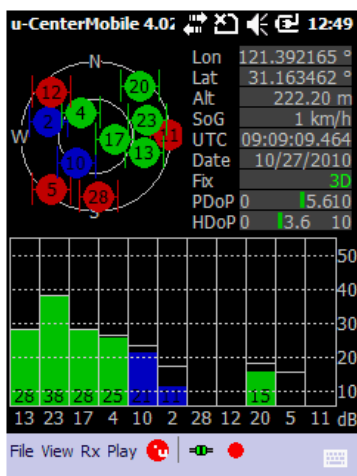
1. Install 'u-center mobile' and run it.



2. Set Port and Baud rate in 'Rx' menu.



3. Wait until get GPS information.




- **Use Camera**

- 1、Select 'Start->Picture & Video', select 'Camera' or camera icon to take photos. Click screen and select 'OK' to exit.
- 2、Press camera key to take photos. Click screen and select 'OK' to exit.

- **Wireless Connection (Bluetooth/GPRS/WIFI)**

Bluetooth

- 1、Select 'Start->Settings->Connections->Wireless management', click the  icon on the right of 'Bluetooth' to activating the Bluetooth device.
- 2、Select 'Start-> Settings-> Bluetooth', click 'Add new device...', system will search available Bluetooth device. Select the device in refurbished list and click 'Next' in the bottom right corner, input password.
- 3、Select 'Next', input password in external Bluetooth device and finish the connection.

Remark: The password is used to the connection between Bluetooth devices and can be setup freely, such as '1234' .

GPRS

- 1、 Make sure there's SIM card in receiver.
- 2、 Select 'Start->Settings->Connections->Connections' .
- 3、 Click 'Add a new modem connection' .
- 4、 Input connection name, select 'Cellular Line(GPRS)' , click 'Next' .
- 5、 Input 'cmnet', click 'Next' .
- 6、 Click 'Finish' and add new connection successfully.
- 7、 Click 'Manage existing connections' .
- 8、 Click on the new connection for a while and select 'Connect' .
- 9、 There is GPRS identifier on the signal icon on the top right corner, indicates the successful connection.

WIFI

- 1、 Select 'Start->Settings->Connections->Wi-Fi';
- 2、 Click 'Search for Networks' , select a network that listed. Follow the installation guide to input password and finish the connection.

3. Useful Settings

Screen response

Select 'Start-> Settings-> System-> Screen' , click 'Align Screen' icon and follow the guide to align the screen.

Adjust backlight

Select 'Start-> Settings-> System-> Backlight', adjust backlight status according to the guild.

Auto power off

Select 'Start-> Settings-> System-> Power-> Advanced' , set the power off time in different conditions.

Remove programs

Select 'Start-> Settings-> System-> Remove Programs' , select the program in the list and click 'OK' to remove.

Fall alarm

Select 'Start-> Settings-> System-> Motion Sensor' , select 'Fall Alarm' , check or not the function of sharp warning sound when Odin is dropped. You can also open or close the 'Screen rotation' function in this menu.

Restore Factory Defaults

Select 'Start-> Settings-> System-> Restore Factory Defaults' , restore factory defaults settings according to the guide.

4. Environmental

- Operating temperature: $-10^{\circ}\text{C} \sim +60^{\circ}\text{C}$
- Storage temperature: $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
- Drop: 1.2m drop onto all faces
- Casing: Dustproof and resistant to heavy wind driven rain per IP65 standard
- Humidity: 5% ~ 95% (non-condensing)

Appendix - Product Safety Warnings

Safety and compliance information

Use responsibility – Read all instructions and safety information before use to avoid injury.

Battery safety

Charge battery only in temperature ranging from 32°F to 140°F (0°C to 60°C)

CAUTION: Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type of battery recommended by the manufacturer.

The maximum operating ambient temperature of the switching power supply declared by the manufacturer is 50. °C

Dispose of used batteries according to battery manufacturer' s instructions.

WiFi safety

Turn WiFi off in areas where WiFi use is prohibited or when it may cause interference or danger, such as in airplanes while flying.

Care and maintenance

S10 is an electronic product and should be treated with care, to reduce the risk of fire, electronic shock, or product damage.

- Do not expose this device to rain, moisture, or any type of liquid that corrodes electronic circuits. If your device gets wet, immediate turn the power off. Allow the device to dry completely before using it again.
- Clean the display with a soft cloth, and be careful not to wipe the display with anything abrasive.
- Do not expose your device to extreme heat (–10°C) or cold (60°C) . For example, do not leave it in the trunk of your car in high heat conditions.
- Do not attempt to open the device other than as instructed in this manual.
- Rough handling can break internal circuitry.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the device.
- Use only the recommended accessories.
- Do not excessive sound pressure from earphones and headphones, which can cause hearing loss.

USB Data Cables

This version supports the USB interface. You can connect your S10 with the PC via the USB&data cable, copying or moving the files amid the S10 and PC, or browsing the images, record files and video files saved in the S10 via the PC.

1 Insert the USB data cable connector into the USB interface of the S10.

2 Connect the other terminal of the USB data cable with the USB interface of the PC.

CAUTION

THE CONNECTION TO USB INTERFACES HAS TO BE LIMITED TO

USB2.0 VERSION OR HAIGHER

THE CONNECTION TO SO CALLED POWER USE IS PROHIBITED

RF Safety Precautions

This section includes some important information on safe and efficient operation. Please read this information before using the phone.

This device complies with Part 22 and Part 24 of the FCC Rules.

Operational Precautions

- Please use your phone properly. When making or receiving a call, please hold your phone as holding a wireline telephone.
- SAR: This mobile phone meets government requirements for exposure to radio waves. Your mobile phone is a radio transmitter and receiver. It is designed and manufactured not to exceed limits for exposure to radio frequency (RF) energy. These limits are part of comprehensive guidelines and establish permitted levels of RF energy for the population. The guidelines were developed and confirmed by independent scientific organizations through periodic and thorough evaluation of scientific studies. The limits include a substantial safety margin designed to assure the safety of all persons, regardless of age and health. The exposure standard for mobile phones employs a unit of measurement known as the Specific Absorption Rate. The highest tested SAR values for this mobile phone compliance against FCC standard limit 1.6 W/kg is 0.667 W/kg for body (based on 0 cm distance separation from body to the device) and 0.895 W/kg for head (while the phone touches ear).
- Do not touch the antenna area when the phone is in use. Touching the antenna area affects call quality and may cause the phone to operate at a high power level than needed.

Keep the phone out of the reach of small children. The phone may cause injury if used as a toy.

This device complies with Part 15 of the FCC Rules.

Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device must accept any interference received, including interference that may cause undesired operation.

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