S31 Series Quick Start Guide

1. Appearance

GPS Antenna

External antenna connector

Earpiece

Camera

Lock Screw

Touch panel

Battery

LED

Function Keys
Camera Key
Power Key
DATA port
Reset
Microphone

Front

Back
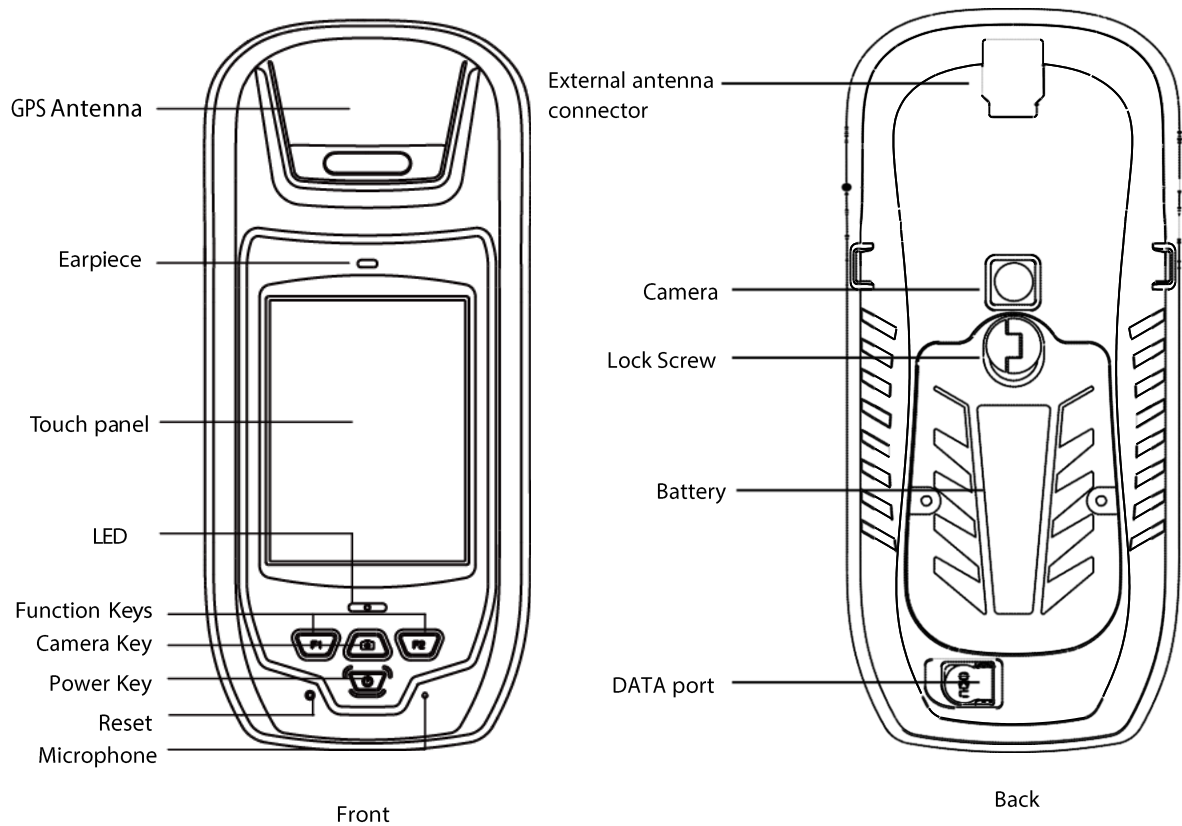
2. Operating Instructions

- **Charging**
  a) Battery charger: Insert the Li-ion battery into the battery charger to charge.
  b) DC adapter + charging cable: a charging cable for connection between device and DC adapter.
  c) USB cable: USB cable can also be used to charge the device, which is limited current to be 500mA.

  Note: if choose the above b) or c), there is a charging icon to the top right corner in the screen if device is on

- **Installing the TF card/SIM card/Battery**
  a) Turn the lock screw to take out the battery
  b) Insert the SIM card and TF card according to the instructions in the battery cabin
  c) Turn the lock screw to the lock position to properly insert the battery

Counter clockwise
rotation

Turning lock
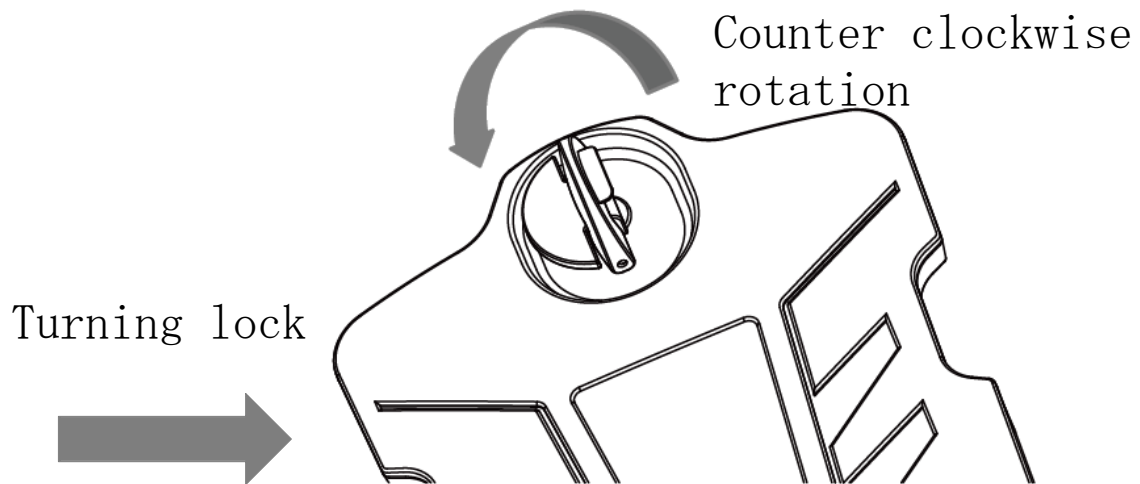
Installing and uninstalling the battery

- **Turning the collector on/off**
  a) Make sure the battery has enough power, or connect the S31 to your PC with a USB cable.
  b) Press power button for 3～5 seconds to turn on(until the boot screen appears)/ turn off.
  Note: if the S31 is down, press the reset button in the bottom of the S31 to reset it.

- **Connecting to a PC**
  a) Make sure Microsoft ActiveSync application has been installed in Win-XP PC. And make sure WMDC (Windows Mobile Device Center) has been installed in Vista/Win7/Win8 PC.
  b) Connect S31 to PC with a USB cable.
  c) ActiveSync/WMDC application connects S31 and PC automatically. There is   icon appears in the tool bar of PC and 'Synchronization Setup Wizard' appears meantime, click 'Cancel'.
  d) Click 'Browse' to check the files in the S31, and then transfer data between your PC and the S31.

- **Install Application**
  a) Make sure S31 is connected with your PC via ActiveSync or WMDC.
  b) Click install file on your PC to start the installation. If the install file is compatible for mobile devices, copy the file into the S31 and click to start the installation.
 c) Select installation directory in the S31 （'Flash Storage' is suggested）; Click 'install'.
  Note: it is suggested to install the application in〝Flash Storage〞, and to save your data in a TF card.

- **GPS**
  a) Make sure GPS Power is on. Go to Start->Settings->System->GPS Power Manager->Open GPS Power
  b) Go to \My Device\GNSSViewer\ and run GNSSViewer.exe
  c) S31 supports COM3, COM4 or COM6 for GPS port and its BaudRate is 57600. Choose a GPS Port and BaudRate by clicking Setup->Port Setup as follows.
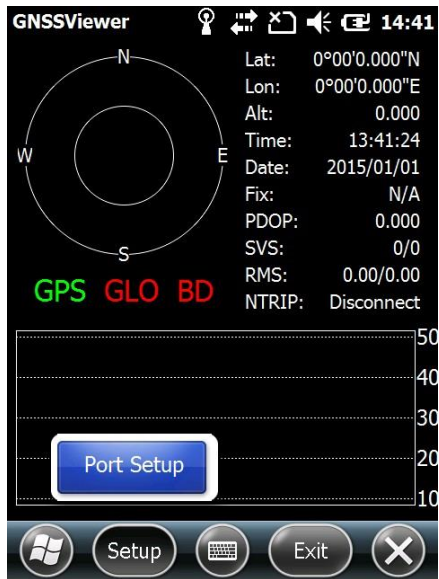
d) Click 'OK'
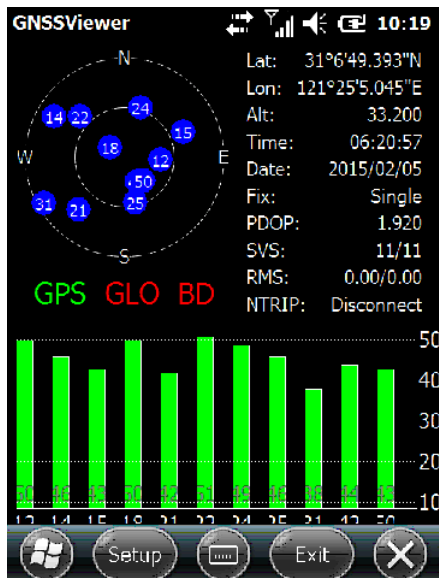
- **Camera**

    a) Select 'Start->Picture & Video'，select 'Camera' or camera icon to take photos.

    b) Press camera key to take photos.

    c) Click screen and select 'OK' to exit.

- **User Serial Port**

    User serial port is COM1. Transfer data between S31 and other devices by a specialized cable named DB9 9PIN Fischer Cable.

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

Bluetooth

    a) Select 'Start->Settings->Connections->Wireless management', click the icon to activate the Bluetooth device.

    b) Select 'Start-> Settings-> Bluetooth', click 'Add new device…'. According to the tips shown on the screen to finish the operation of pairing the other BT Device.

    Note: Bluetooth virtual port is COM5 and COM9.

GPRS/3G Data connection

    a)   Make sure there's a SIM card in the S31.

    b)   Select 'Start->Settings->Connections->Connections'.

    c)   Click 'Add a new modem connection'.

    d)   Input connection name, select 'Cellular Line(GPRS)', click 'Next'.

    e)   Input 'Access point name', click 'Next'.

    f)   Click 'Finish' and add new connection successfully.

    g)   Click 'Manage existing connections'.

    h)   Click on the new connection for a while and select 'Connect'.

    i)   There is an identifier on the signal icon on the top right corner, indicates the successful connection.

WIFI

    a)   Select 'Start->Settings->Connections->Wi-Fi';

    b)   Click 'Search for Networks', select a network that listed. Follow the installation guide to input password and finish the connection.
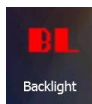
3. Useful Settings

- **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 guide.
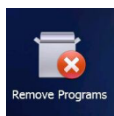

- **Auto power off (*actually go to sleep mode, the device does not support auto power off *)**

Select ˝Start-> Settings-> System-> Power˝, set the power off time in different conditions. Backlight will be off in according to the settings

- **Remove programs**

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

- **Clean Boot**

Select ⌃Start-> Settings-> System-> Clean Boot, restore factory defaults settings according to the guide.

4. Environmental

- Operating temperature: -10℃~+55℃
- Storage temperature: -20℃~+70℃
- Drop: 1.5m drop onto all faces
- Casing: Dustproof and resistant to heavy wind driven rain per IP67 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℉ to 122℉ (0℃ to 60℃)
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℃.
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
S31 is an electronic product and should be treated with care, to reduce the risk of fire, electronic shock, or product damage take the following advice:
- 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 (55℃) or cold (-10℃). 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 a USB interface. You can connect your S31 with your PC via the USB cable, copy and move the files amid the S31 and PC, or browse the images, recorded files, and video files saved in the S31 via the PC.
1. Insert the USB data cable connector into the S31's USB interface.
2. Connect the other side of the USB data cable with the PC's USB Interface.

CAUTION!

CONNECTION TO USB INTERFACES MUST BE LIMITED TO

USB2.0 VERSION OR HIGHER

CONNECTION TO "POWER USE" MODE IS PROHIBITED.