01 Hardware omponents

Laser Scaner

Camera

Various interfaces
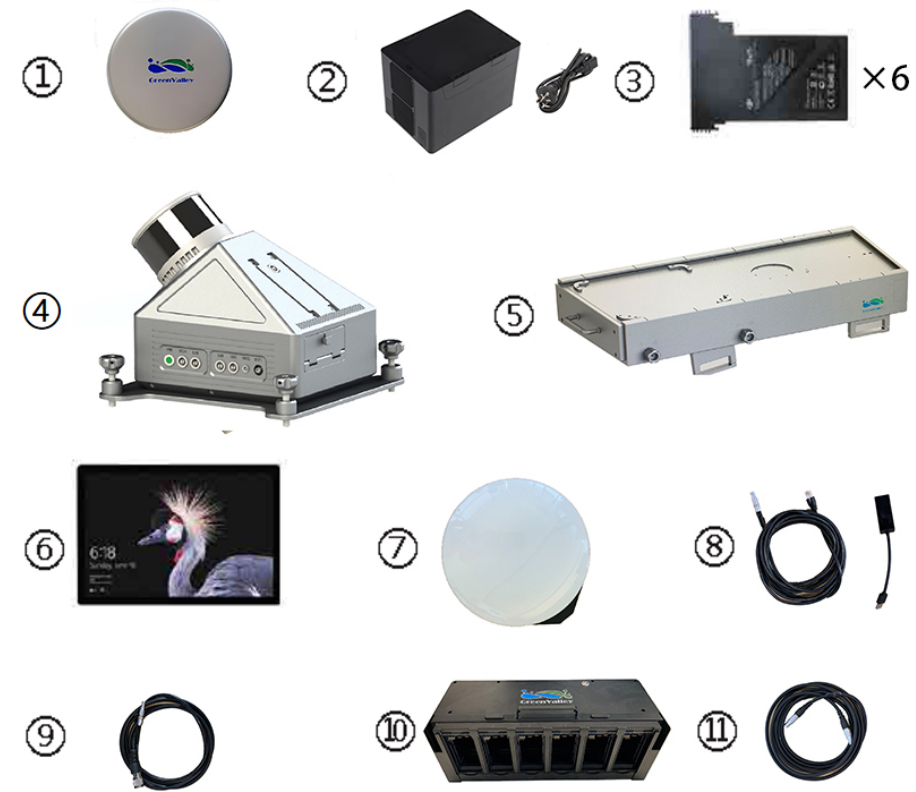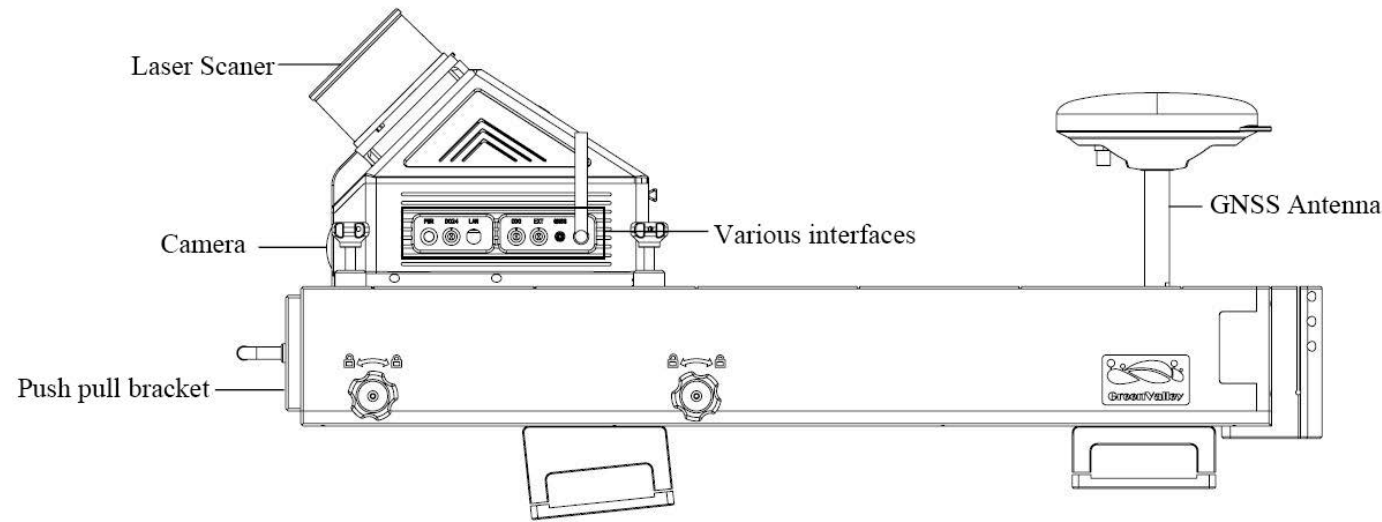
GNSS Antenna

Push pull bracket

①
②
③ ×6
④
⑤
⑥
⑦
⑧
⑨
⑩
⑪

1. Laser scanner protective cover

2. Battery charger and power cord

3. Battery

4. LiMobile mobile mapping system

5. Vehicle mount rack

6. Surface tablet and accessories

7. GNSS tri-band antenna

8. Network cable (including adaptor)

9. GNSS feeder cable

10.   Multi-capacity battery holder

11.   LiMobile power cable

02 Assembly and Installation

①

1.Fixation of luggage rack and pull bracket mount.
Fasten firmly by the fixing screws on the holes under the pull bracket and the luggage rack crossbar.

②

2.Fix the luggage rack crossbar and pull-out bracket to the roof of the vehicle.
Hexagonal screwdriver locks the luggage rack rail to fix.
Note: After fixing, shake the luggage rack to confirm the degree of stability.

③

3.Loosen the fixing bolts according to the arrow mark, pull out the bracket, and then tighten the bolts again to lock in place.
Note: After locking, shake the bracket to ensure that it will not pull out or move during operation.

④

4.Place the main body of the device on the base of the bracket and tighten the 4 thumb bolts.
Note: After tightening, shaken the device gently to ensure that it has been placed securely.

⑤

5.Install the GNSS antenna and connect GNSS feeder.

⑥

6.Connect the power cord, battery box to the main body.

1.Base station setup.

2.Turn on the device

To power on the battery, you need short press, and then long press till all lights on, indicating that the laser scanner and system are ON.

The Battery Compartment is designed to accommodate up to 6 batteries for longer battery life. During operation, you can decide how many batteries you want to turn on.

3.Device connection-Chrome browser

Wired mode

Set tablet IP:192.168.1.99

Set mask:255.255.255.0

Connection page:192.168.1.200:8090

WIFI connection

SSID:LiMobile
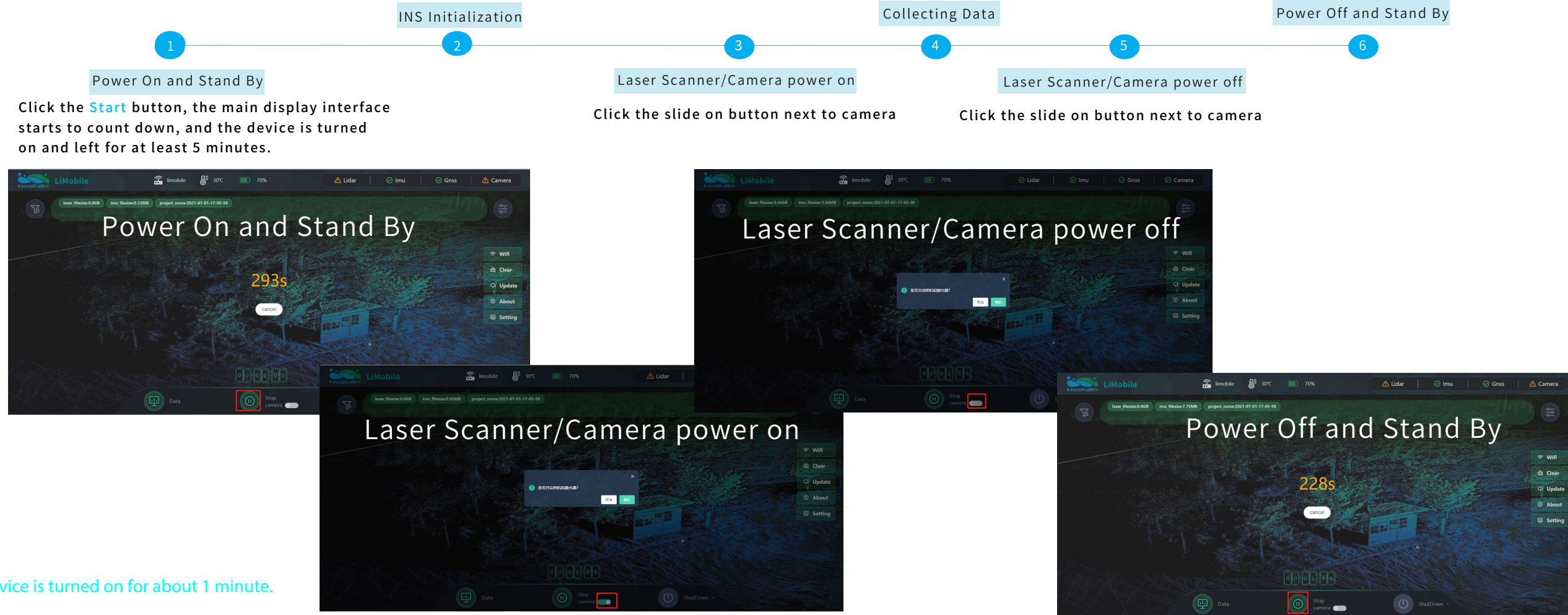
Password:greenvalley

Connection page:192.168.12.1:8090

The WIFI signal can be searched after the device is turned on for about 1 minute.

4.Data Collection

After the completion of standing by, start the vehicle for acceleration and deceleration: First accelerate forward to 40km/h, then decelerate to 10km/h, Accelerate forward to 40km/h, and then decelerate to 10km/h; Then turn around and repeat the above acceleration and deceleration operations.

Click the Stop button, the main display interface starts counting down, and the device shuts down. Let it stand by for 5 minutes.

1 Power On and Stand By
Click the Start button, the main display interface starts to count down, and the device is turned on and left for at least 5 minutes.

2 INS Initialization

3 Laser Scanner/Camera power on
Click the slide on button next to camera

4 Collecting Data

5 Laser Scanner/Camera power off
Click the slide on button next to camera

6 Power Off and Stand By

Power On and Stand By
293s

Laser Scanner/Camera power off

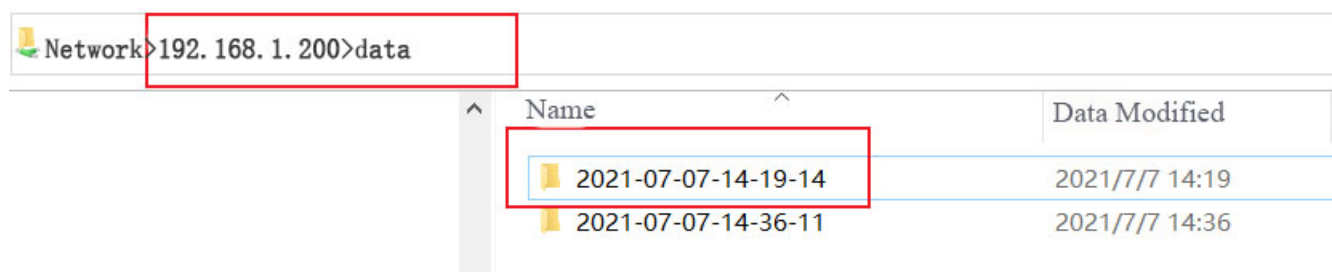Laser Scanner/Camera power on

Power Off and Stand By
228s

Data transmission via cable:

When the device is turned on, connect the Leimer port of the data transmission line.Connect the device, connect the network port to the computer:
IP address: 192.168.1.99
Subnet mask: 255.255.255.0

Enter the web address "\\192.168.1.200" at the computer network to enter the internal storage space of the device, open the "data" folder, and copy the folder corresponding to the time to the computer to complete the data export.

Utility disk transfer::

After the device is turned on, mount the U disk, click the "Data" button at the bottom of the main display interface, and select the desired file and click the "Copy" button at the top right of the pop-up box to copy it to the USB flash drive.

Network>192.168.1.200>data

Name	Data Modified
2021-07-07-14-19-14	2021/7/7 14:19
2021-07-07-14-36-11	2021/7/7 14:36