

GV58LAU Quick Start

Page 1 : Basic Operation

1

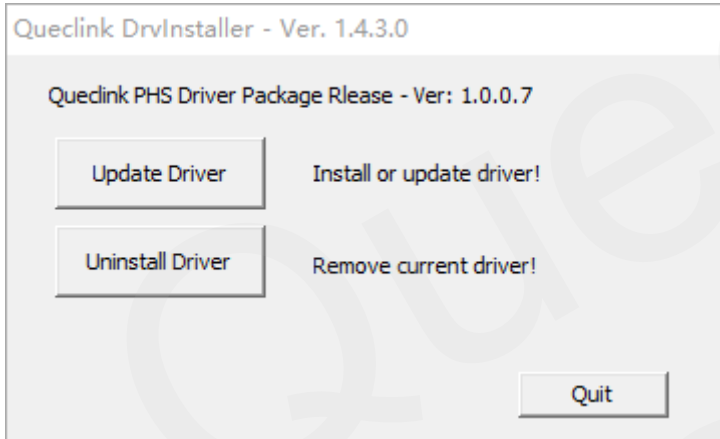
Check Parts List

The Data_Cable_M_V4 is not in the delivery list. Please contact your vendor for it.



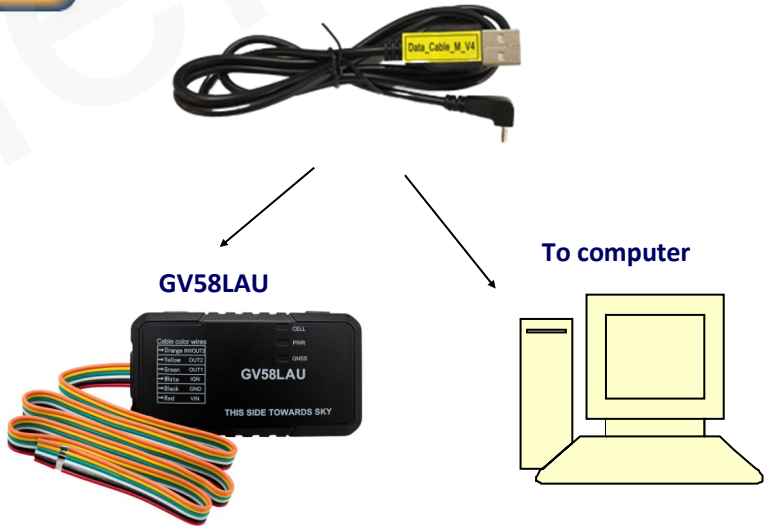

2

Find Queclink_Driver_AsrV2.0.1.0.zip in developer suite and install the driver. If you have already installed it, please go to Step 3.



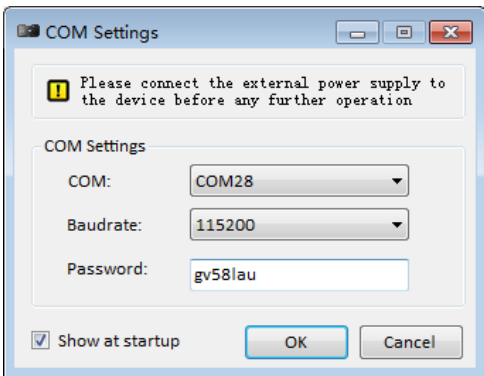
3

Connect GV58LAU to computer by Data_Cable_M_V4.



4

Find Queclink_GV58LAU_Manage_Tool_Rx.xx.exe in developer suite and run it to configure the running parameters of GV58LAU.



Page 2 : PC Manage Tool Quick Start

Run Manage Tool. Select correct COM port and input default password **gv58lau. Then press OK.**



COM Settings

 Please connect the external power supply to the device before any further operation

COM Settings

COM: COM28

Baudrate: 115200

Password: gv58lau

☒ Show at startup

OK Cancel

To test GV58LAU by SMS, please set **Report Mode** to **SMS** and input the phone number to receive the SMS from GV58LAU. After that, you can go to **Step 6**.

Backend Server Configuration is used to configure where and how to report all the messages.

Basic Settings

Report Mode: Force on SMS

Backend Server Settings

Main Server IP/ Domain Name: 60.174.225.173

Main Server Port: 20466

Backup Server IP: 60.174.225.173

Backup Server Port: 20457

SMS Gateway: 18895332084

Other Settings

Heartbeat Interval: 30 minutes

SACK Enable: Receive SACK and check it

Buffer Mode: Low priority ☐ SMS SACK Enable

Protocol Format: ASCII format

Connection Life: 30 s

Primary DNS Server: 0.0.0.0

Secondary DNS Server: 0.0.0.0

Set Report Mode to TCP Short Connection. Input the IP address and port number of the backend server. Please make sure the IP address can be accessed over the internet and the data sent to this address can be received.

Backend Server Configuration is used to configure where and how to report all the messages.

Basic Settings

Report Mode: TCP short-connection preferred mode

Backend Server Settings

Main Server IP/Domain Name: 60.174.225.173

Main Server Port: 20462

Backup Server IP: 60.174.225.173

Backup Server Port: 20462

SMS Gateway: 18895332084

Other Settings

Heartbeat Interval: 30 minutes

SHCK Enable: Receive SACK and check it

Buffer Mode: Low priority ☐ SMS ACK Enable

Protocol Format: ASCII format

Connection Life: 30 s

Primary DNS Server: 0.0.0.0

Secondary DNS Server: 0.0.0.0

Please contact your SIM card provider and get the User information for GPRS. Input it in GTBSI setting.

Bearer Settings is used to configure the parameters for GSM/GPRS/LTE Cat1 data connection.

GSM/GPRS/LTE Settings

APN:

User name:

Password:

Backup GSM/GPRS/LTE Settings

Backup APN:

Backup APN User name:

Backup APN Password:

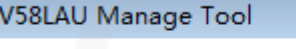
Network Mode:

Press the **Send** button and update the parameters of GV58LAU. Then GV58LAU can report information to your backend server or SMS receiver.

Note: These commands can also be sent to GV58LAU by SMS.

AT+GTBSI=gv58lau,cmnet,,,,,0,,,FFFF\$

Command has been accepted when you see the window below.



Set the parameters of fixed time report so that GV58LAU will report its position to backend server periodically. Press **Send** button to update the parameters. The following screenshot shows how to configure GV58LAU to report its position every 3 minutes.

Fixed Report Information

is used to configure the parameters of scheduled report.

Basic Settings

Mode:

Fixed Timing Report

Send Interval:

180

seconds

IGF Report Interval:

600

seconds

Check Interval:

0

seconds

Wrap Corner Point

Do not wrap corner point

Continue Time:

0

minute

Report Period Settings

☒ Period Enable

Start Time

0000

HH:MM

End Time

0000

HH:MM

Mileage Settings

Distance:

1000

meters

Mileage:

1000

meters

Other Settings

☒ Discard No Fix

Corner Report:

0

degree

ERI Mask:

☒ Reserved
☒ Reserved
☒ for the «CAN Data» field in «RESP-GTERRI
☒ Reserved
☒ Reserved
☒ Reserved
☒ Reserved
☒ Reserved
☒ for the «Bluetooth Accessory Data» field in the message «RESP-GTERRI

☐ Check All

AT+GTFRI=qv58lau1.1,1.0000,0000,0.180,1000,1000,0.600,0.0,0.FFFF

Read

Send

The following screenshot shows how to create a Geo-Fence rule. Press **Send** button to update the parameters.

Geo-Fence Configuration: is used to configure the parameters of Geo-Fence.

GeoFence Settings

GEO ID:

Mode:

Latitude:

Longitude:

Radius: meters

Check Interval: seconds

State Mode:

Start Time: HH-MMU

End Time: HH-MMU

Output Settings

Output ID:

Output Status:

Duration: x100ms

Toggle Times:

Trigger Mode:

Trigger Report:

After these steps, GV58LAU will have some basic tracking functions like fixed time report and Geo-Fence. For other advanced functions of GV58LAU, please refer to [GV58LAU @Track Air Interface Protocol](#) or visit our website.

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