



GV600 Series Manage Tool User Guide

EGPRS/LTE Cat-M1/LTE Cat-NB1/GNSS Tracker

QSZTRACGV600MT0100

Version: 1.00

International Telematics Solutions Innovator

www.queclink.com

Document Title	GV600 Series Manage Tool User Guide
Version	1.00
Date	2018-08-20
Status	Released
Document Control ID	QSZTRACGV600MT0100

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0. Revision History

Version	Date	Author	Description of Change
1.00	2018-08-20	Alisa Wang	Initial

1. GV600 Series Manage Tool Interface

GV600 Series Manage Tool is used to configure parameters for GV600 through UART. It is easy for developers to configure GV600 with it for the interface is simple and functional. All commands can also be sent by SMS or network.

The Queclink administrators can also use the Manage Tool to configure GV600 before delivery to its customers. But it is recommended for the customers to establish a backend server and to control GV600 by SMS or network. Please refer to “GV600 @Track Air Interface Protocol” for details.

Before using the Manage Tools please install driver for the USB data cable (DATA CABLE_M). After that a new COM port will be found in your computer, and then please refer to the following steps:

1. Connect GV600 to 12VDC power supply and GV600 will power on.
2. Connect GV600 to PC with USB data cable (DATA CABLE_M).
3. Run “GV600XX Manage Tool Vx.x.x.exe”.

1.1. System Requirements

Make sure the computer system meets the following configurations before installing the Manage Tool:

- ◆ Windows XP SP2 and above (32 & 64 bit);
- ◆ Windows Server 2003 (32 & 64 bit);
- ◆ Windows Server 2008 (32 & 64 bit);
- ◆ Windows Vista (32 & 64 bit);
- ◆ Windows 7 (32 & 64 bit);
- ◆ Windows 8 (32 & 64 bit);

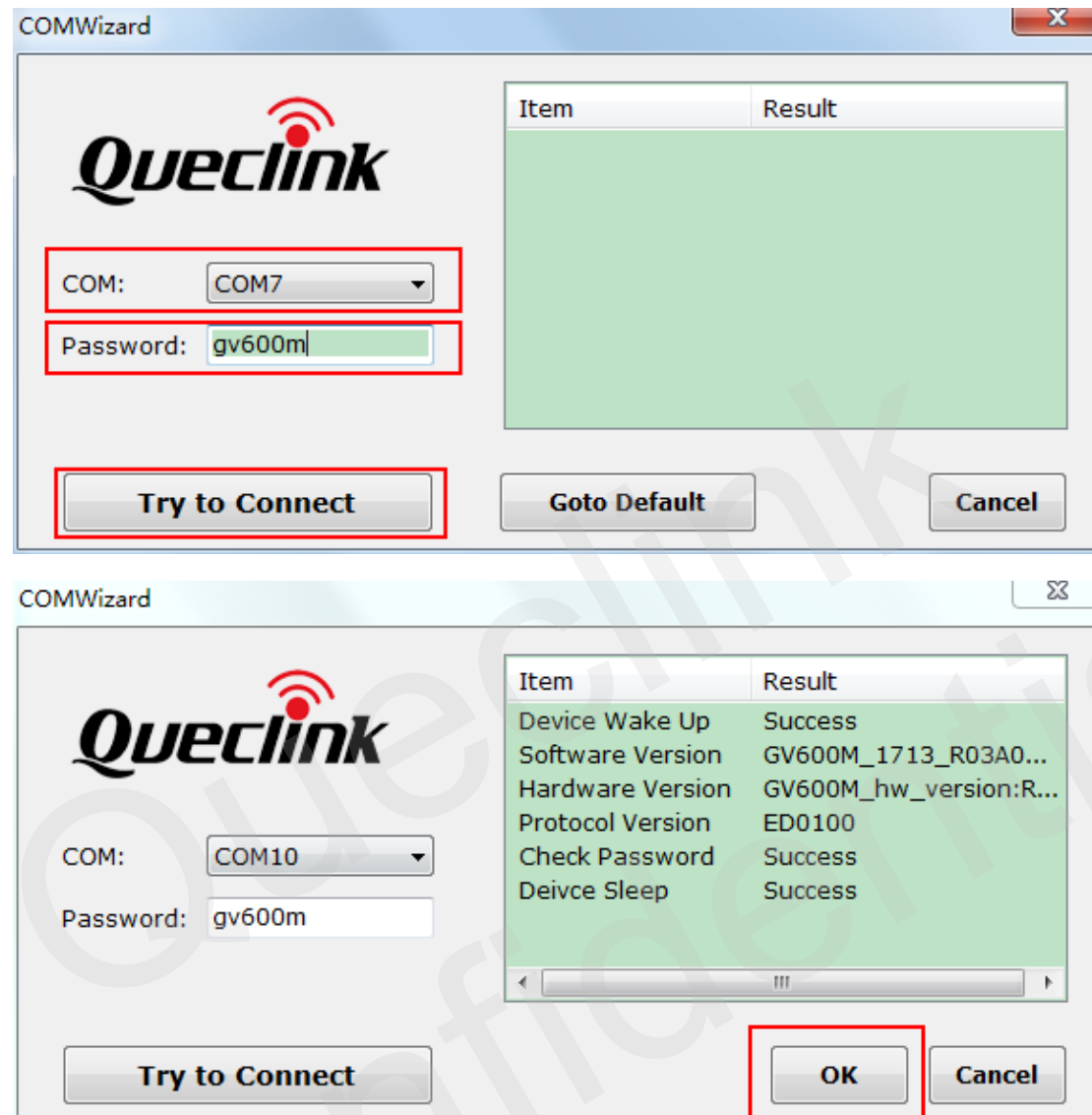
Supported System Environments:

- ◆ Microsoft .NET Framework 4.0 or higher
- Microsoft .NET Framework 4.0 download link:

<http://www.microsoft.com/en-US/download/details.aspx?id=17718>

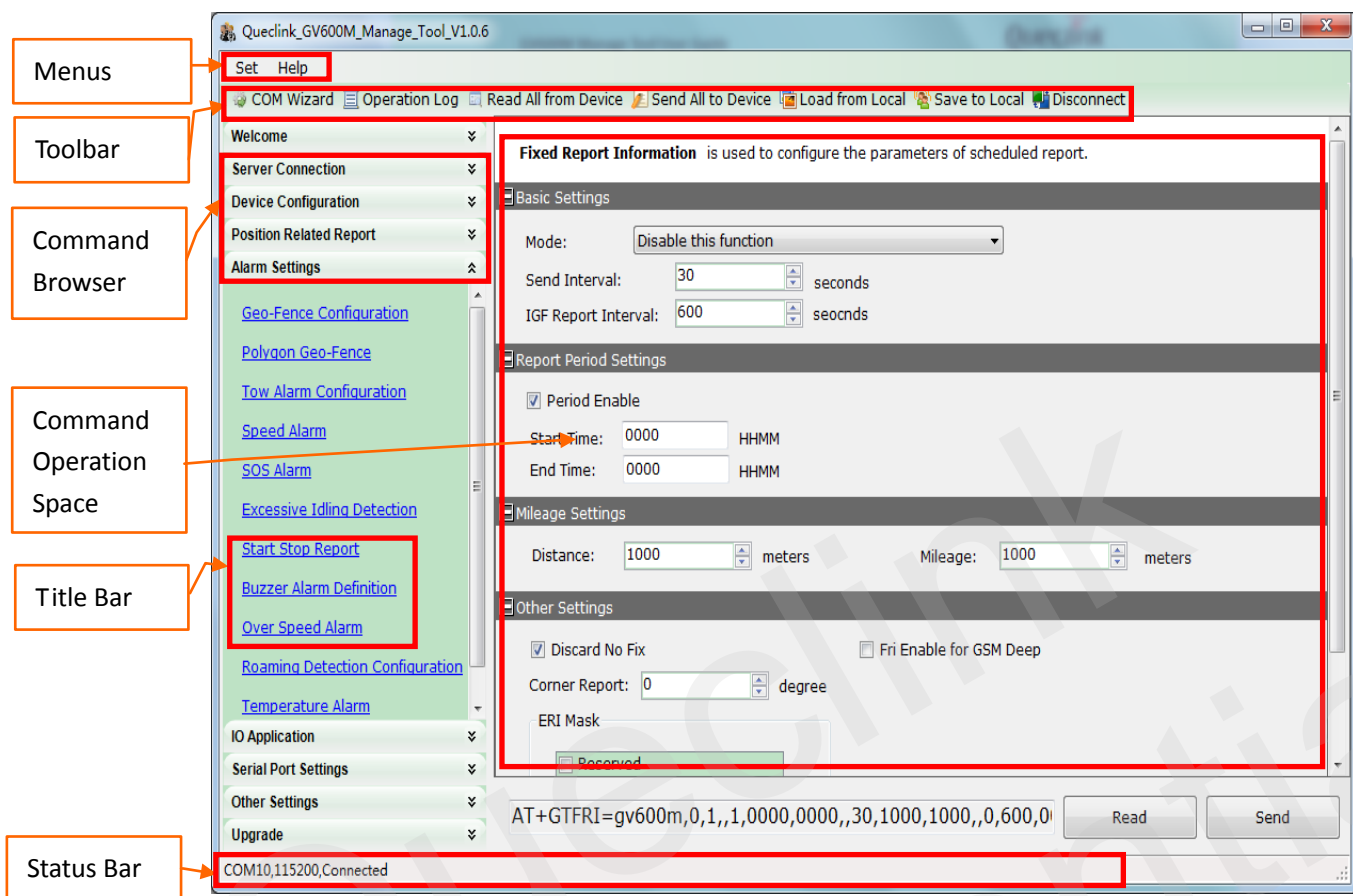
1.2. COM Setting

Run "Queclink_GV600XX_Manage_TooVx.x.x.exe".



Select the COM port and input the password (the default password for GV600 and GV600W devices is "gv600w" and the default password for GV600M is "gv600m"), click "Try to Connect" button and then click "OK" button, the setting window will display.

1.3. Professional Setting Windows



1.3.1. Title Bar

Title Bar indicates current operational command title and the name of Manage Tool.

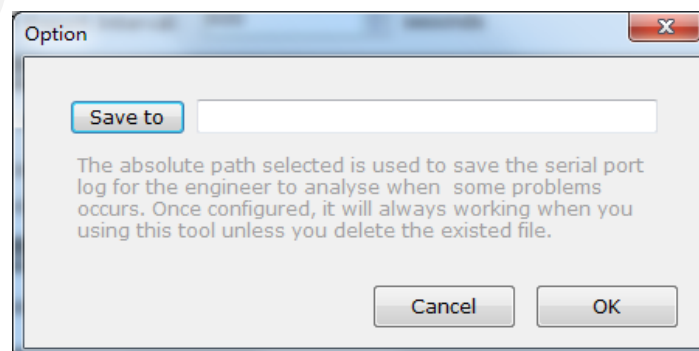
1.3.2. Menus

It includes "Set" and "Help" menu in menus.

Set Help

1.3.2.1. Set Menu

Set menu include "Options".



1.3.2.2. Help Menu

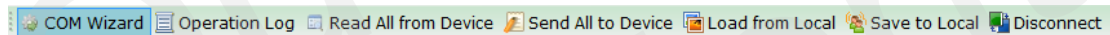
[About]: Select “About”. Then the following pop up window will display.



- “Manage Tool” indicates the version of the Manage Tool.
- “Firmware Version” indicates the firmware version of the device.
- “Hardware Version” indicates the device’s HW version.
- “Protocol Version” indicates the protocol the Manage Tool suits for.
- “Device Name”: indicates the device name.

1.3.3. Toolbar

It includes “COM Wizard”, “Operation Log”, “Read All from Device”, “Send All to Device”, “Save to Local”, “Connect/Disconnect”.



[COM Wizard]: It is used to set the COM information and password. Setting details please refer to chapter 1.2.

[Operation Log]: It is used to display/hidden operation log.

[Read All from Device]: It is used to read all configurations (except command GTDAT) from the device.

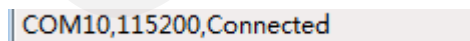
[Send All to Device]: It is used to send all configurations (except command GTQSS, GTDAT, GTRTO) in Command Operation Space.

[Load From local]: It is used to load configuration file to the Manage Tool.

[Save to Local]: It is used to save all parameter configurations to file.

[Connect/Disconnect]: It is used to connect/disconnect COM manually.

1.3.4. Status Bar



The Status Bar displays system status and current status.

1.3.5. Command Browser and Command Operation Space

This area is mainly used to read and set parameters of the device.

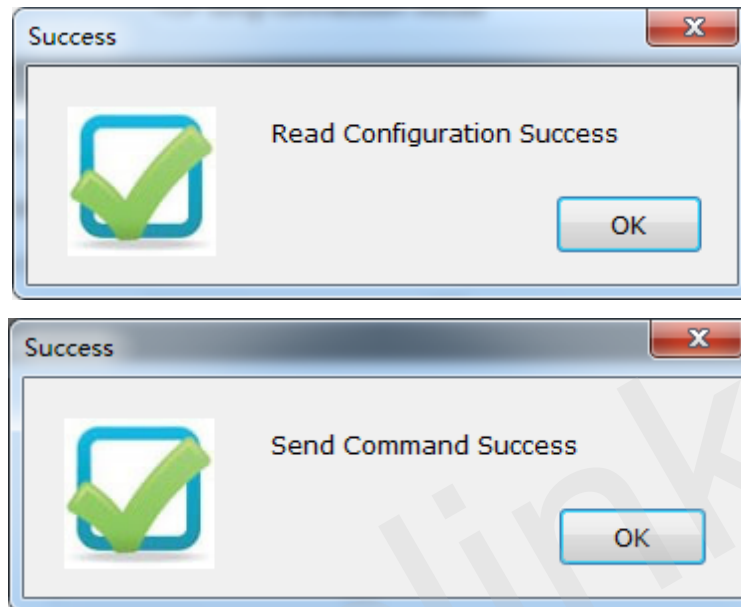
1.3.5.1. Command Browser

Command Browser divides all @track protocol commands into several parts. Click Title Bar in Command Browser, parameters of this command will be shown in Command Operation Space.

Command Browser	Function Description	Related Command
Server Connection	Bearer Setting Information	GTBSI
	Backend Server Register Information	GTSRI
	Quick Start Settings	GTQSS
Device Configuration	Global Configuration	GTCFG
	Auto-Unlock PIN	GTPIN
	Time Adjustment	GTTMA
	Outside Working Hours	GTOWH
	Software Protocol watchdog	GTDOG
	Preserve special device logical state	GTPDS
	Hex Report mask	GTHRM
Position Related Report	Fixed Position Information	GTFRI
	Frequency Change of Fixed Report Information	GTFFC
Alarm Settings	Tow Alarm Configuration	GTTOU
	Geo-Fence Configuration	GTGEO
	Polygon Geo-Fence	GTPEO
	Roaming Detection Configuration	GTRMD
	Speed Alarm	GTSPD
	Buzzer Alarm Definition	GTBZA
	Over Speed Alarm	GTSPA
	SOS Alarm	GTSOS
	Temperature Alarm	GTTMP
	Excessive Idling Detection	GTIDL
	Start Stop Report	GTSSR
	GPS Jamming Status Report	GTGPJ
IO Application	Digital Output Port Settings	GTOUT
	External Power Supply Monitoring	GTEPS
	Digital Input Port Setting	GTDIS
	Analog Input Port Setting	GTAIS
	Input /Output Port Binding	GTIOB
Serial Port Application	Serial Port Setting	GTURT
	External Digital Fuel Sensor	GTEFS
	Fuel Sensor Calibration Table	GTFC
Other Settings	Real Time Operation	GTRTO
	Hour Meter Counter	GTHMC
	White List	GTWLT
	Transparent Data Transmission	GTDAT
	Google Link SMS Configuration	GTGLM

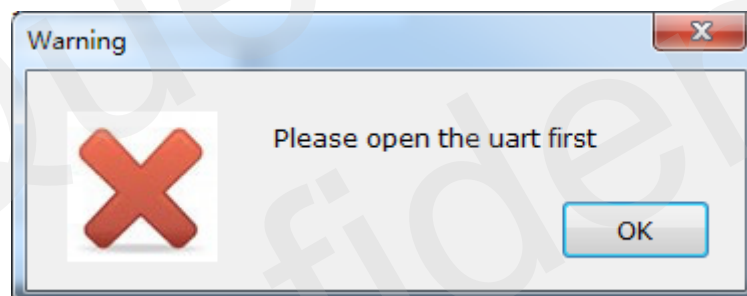
1.4. Operation Result Interfaces

1.4.1. Interfaces for Successful Operation

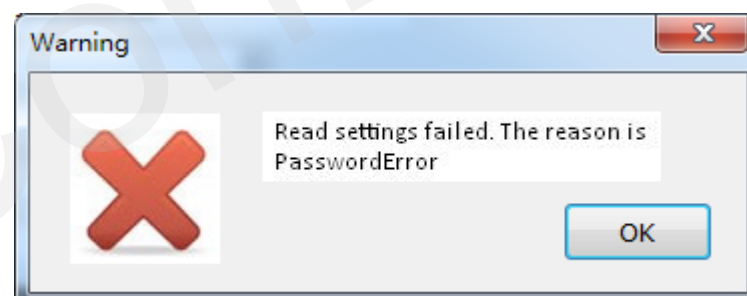


1.4.2. Operation Failed Interfaces

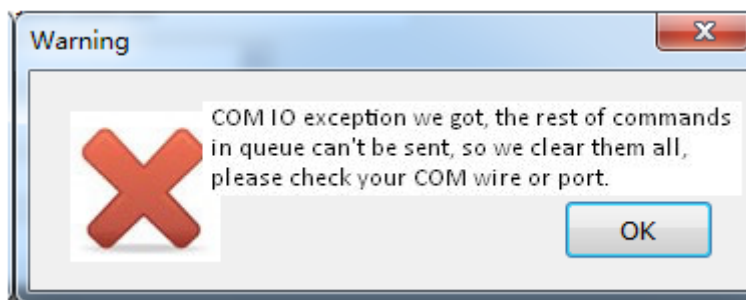
Problem may be with the COM port connection if following error occurs.



Current COM port may be occupied. Please close all other COM-related applications.



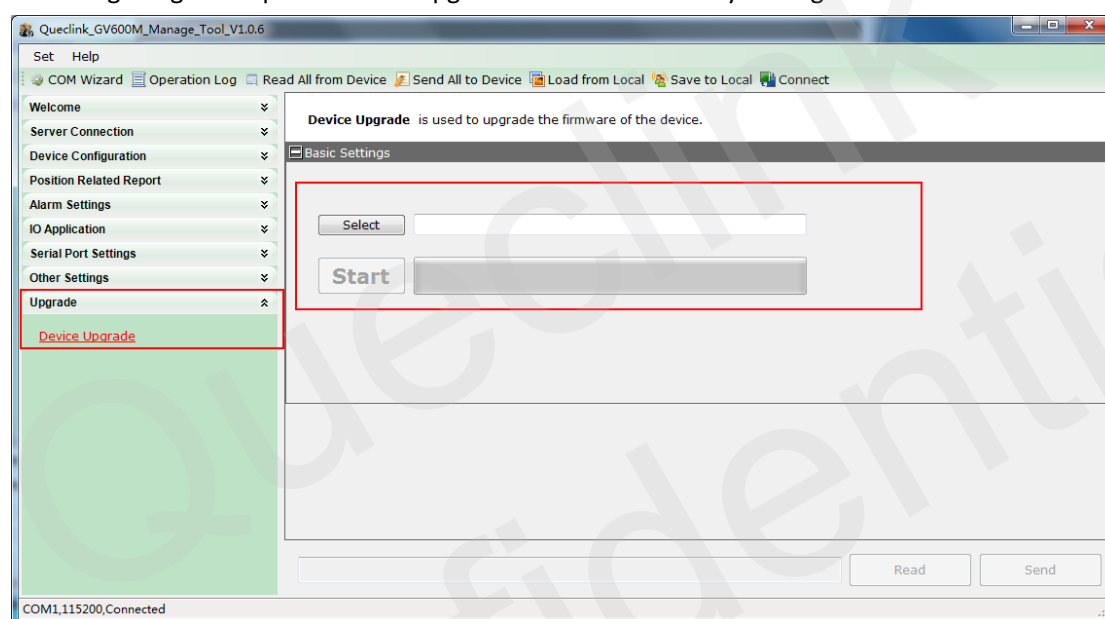
Please input the correct device password if Password Error occurs.



Problem may be with the COM. Please check the USB cable and the serial port.

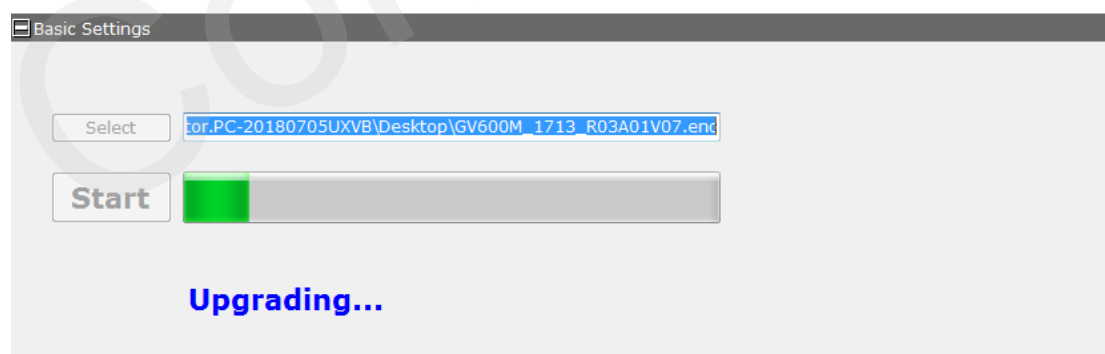
2. Device Upgrade

Following is a general procedure to upgrade GV600 firmware by Manage Tool.



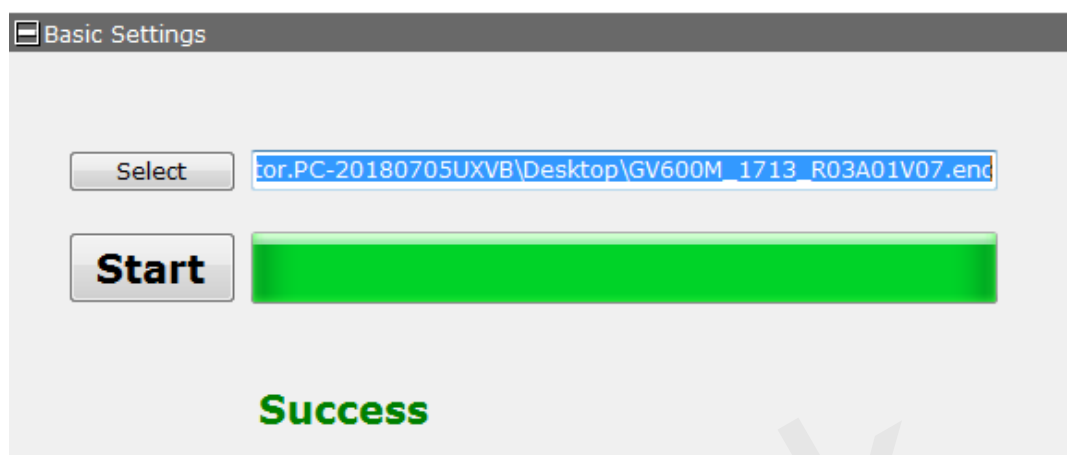
- 1) Click "Select", Select the file for upgrade (".enc" file format).
- 2) Click "Start", then the interface of upgrade process will show as below:

Device Upgrade is used to upgrade the firmware of the device.



- 3) If upgrade is successful, the interface will show as below:

Device Upgrade is used to upgrade the firmware of the device.



4) If upgrade failed, the interface will show as below:

Device Upgrade is used to upgrade the firmware of the device.

