

## **GV500CG Quick Start**

## **Page 1: Basic Operation**





## Close the case.





The device is installed on the OBD port of the vehicle, the vehicle is ignited, and the device will automatically turn on.



## Page 2: PC Manage Tool Quick Start

Queclink		Manage	e Tool		<b>d</b> ≔
Device list			Pleas	e enter a name	Q 🛛 🖗 BLE Scan 🕹
	500CG 🥝 🖓 COM4	±		GB100CG	±
	33CG	Configure >	-	GV305CEU	Configure ±
	at1 20	Configure >	E ROL	LTE-Cat1 2G BLE R8232 RS485 1-Wire CAN	Configure
LTE-C	310LAU Sat4 3G 2G BLE 2 1-Wire CAN	Configure >	5.68	GV350CEU LTE-Cat1 2G BLE RS232 1-Wire CAN Tachograph	Configure
THE LTE-C	355CEU cati 20 BLE RS232 5 1-Wire CAN Tachograph	± ···· Configure >		GV50CG	±. Configure
GVS	57CEU	<u>*</u>		GV57CG	Ŧ
Home SRI (Server Settings Informatio GTSRI The command AT+GTSRI is use	ess and port e sure the IP data sent to t on x	messages, including the se	can be ss can	accessed be receiv	by interne ed.
Deris Carri					
Basic Settings Report Mode (0)	1: TCD short connection of				
Report Mode ① Backend Server Settings	1: TCP short-connection pr	-	Port (i)	10051	A
Report Mode ①	1: TCP short-connection pr 60.174.225.173 15116789802	Main	Port ① up Port ①	10051	8
Report Mode ① Backend Server Settings Main Domain ① Backup Domain ①	60.174.225.173 15116789802	Main Back			
Report Mode ③ Backend Server Settings Main Domain ③ Backup Domain ③ SMS Gateway ④ Other Settings Heartbeat Interval ③ Protocol Format ④	60.174.225.173 15116789802 0 2 0. ASCII	Main Back minutes SAC	up Port ())	0: Disable	
Report Mode ③ Backend Server Settings Main Domain ③ Backup Domain ③ SMS Gateway ④ Other Settings Heartbeat Interval ④	60.174.225.173           15116789802           0         5           0.ASCII         >	minutes SAC	K Mode 🛈		
Report Mode ③ Backend Server Settings Main Domain ④ Backup Domain ④ SMS Gateway ④ Other Settings Heartbeal Interval ① Protocol Format ④ High Priority Report Mask ① Connection life ① Primary DNS Server ④	60.174.225.173           15116789802           0         5           0.ASCII         >	minutes SAC minutes SAC +RESP:GTSLM	K Mode 🛈	(). Disable	
Report Mode ③ Backend Server Settings Man Domain ④ Backup Domain ④ SMS Gateway ④ Other Settings Heartbeal Interval ① Protocol Format ④ High Priority Report Mask ① Connection life ④	60.174.225.173 15116789802 0 .4SCII	minutes SAC minutes SAC sms +RESP.GTSLM	up Port ① K Mode ① ACK Mode ①	(): Disable	
Report Mode ① Backend Server Settings Man Domain ① Backup Domain ① SMS Gateway ① Other Settings Heartbeat Interval ① Protocol Format ① High Priority Report Mask ① Connection life ① Primary DNS Server ① Buffer Mode ①	60.174.225.173 15116789802 0 .4SCII	minutes SAC minutes SAC sms +RESP.GTSLM	up Port ① K Mode ① ACK Mode ①	0. Disable	
Report Mode () Backand Server Settings Main Domain () Backup Domain () SMS Gateway () Other Settings Heartbeat Interval () Protocol Format () High Priority Report Mask () Connection life () Primary DNS Server () Buffer Mode () NT+GTSRI=gv800cg, 1, 1, 80, 174, 22	60.174.225.173 15116789802 0 .4SCII	Main Back minutes SAC SMS +RESPGTSLM s s co.030.000000000FFFF co.030.00000000FFFF mmands commands comm	ACK Mode ① ACK Mode ① andary DNS Server s and upo G can r MS rec can also	O Disable     O Disable	arameters ormation to
Report Mode © Backend Server Settings Main Domain © Backup Domain © SMS Gateway © Other Settings Heartbeat Interval © Protocol Format © High Priority Report Mask © Connection life © Primary DNS Server © Buffer Mode © XT+GTSRI=gv800cg.1.1.80.174.22 Click GV 9 you Not by 9	60 174 225 173 15116789802 0	Main Back minutes SAC SMS +RESPGTSLM *RESPGTSLM * S S 0.0.30.00.00.0000 Second CONSTRUCTION SCOND SCON	ACK Mode ① ACK Mode ① andary DNS Server s and upo G can r MS rec can also	O Disable     O Disable	arameters ormation to



If you want to test the GV500CG by SMS, please set "Report Mode" to "SMS" and input the phone number which you want to receive the SMS from GV500CG. After that you can go to Step 6.

The command AT+GTSRI is used If the terminal is configured correct	to configure how to report al ctly, it should be able to repo	I the messages, includin Int data to the backend s	g the server information and the merver.	ethod of communication between	the backend server and the terminal
Basic Settings					
Report Mode ()	5: Forced SMS mode	~			
Backend Server Settings					
Main Domain ①	60.174.225.173		Main Port ①	10051	*
Backup Domain (i)			Backup Port ()		
SMS Gateway ①	15116789802				
Other Settings					
Heartbeat Interval ()	0	ininutes	SACK Mode ()	0: Disable	-
Protocol Format ①	0: ASCII	~	SMS ACK Mode ①	0 0	
High Priority Report Mask ①	+RESP:GTPDP +ACK:GTHBD +RESP:GTUPD	+RESP:GTSLM			
Connection life ()	30	s s			
Primary DNS Server ①	0.0.0.0		Secondary DNS Server ①	0.0.0.0	]
Buffer Mode ①	1: Low priority	~			
F+GTSRI=gv500cg.5, 1,60.174.225.	173 10051 15116789802 0	00003000000000	0 FFFFS	Read Send	



Home BSI (Be

GSM/GPRS/LTE Set

APN Pass

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

APN User Name (

Network Mode ()

e command AT+GTRSL is used to configure the parameters for GSM/GPRS/LTE Cat1 data con-



Set the parameters of fixed time report so that GV500CG will report its position to backend server periodically. Click "Send" button to update the parameters. The following screenshot shows how to configure GV500CG to report its position every 3 minutes.

Mode ① Send Interval ① Continue Time ①	1: Fixed Time Report ~		Check Interval ①	180	• 9	econds	
	180	) annanda					
Continue Time ()		seconds	IGF Report Interval	600	÷ 5	econds	
	0	minutes	Wrap Corner Point ()	0: Do not wrap corner po	in ~		
eport Period Settings							
Period Enable	0		Start Time ①	0000	н	HMM	
End Time ()	0000	HHMM					
lileage Settings							
Distance ①	1000	meters	Mileage ①	1000	÷ n	neters	
ther Settings							
Discard No Fix	0		Corner Report ①	0	t d	egree	
ERI Mask ①	Reserved	Reserved	1	Net	10		
	Reserved	Reserved					
	Reserved     Reserved	Reserved     Reserved					
	Reserved	Reserved					
	Reserved	Reserved					
GTERI=av500ca 1.0. 1.0000.0000	1			Road Soud	1		
	1,100,100,1000,1000,0000,0000	0000,0,,0,1111.5		Neau			
FRI=gv500cg,1,0,,1,0000,0000	0,180,180,1000,1000,,0,600,0000	0000,0,,0,FFFF\$		Read Send			

After these steps, GV500CG will have some basic tracking functions like fixed time report and Geo-Fence. For other advanced functions of GV500CG, please refer to <u>GV500CG @Track</u> <u>Air Interface Protocol</u> or visit our website.

http://www.queclink.com sales@queclink.com

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

eoFence Settings						
GEO ID ()	2	~	Mode ①	1: Entering the zone	~	
Longitude ()	117.134195	•	Latitude ()	31.819597	•	
Radius ①	50	meters	Check Interval ①	5	seconds	
Trigger Mode ①	0: Disable	Ŷ	Trigger Report ①	0:Disable	~	
Start Time ①	0000	HHMM	End Time 🕕	0000	HHMM	
State Mode (i)	0: Ignore State Change	~				
State Mode ①	0: Ignore State Change	Y				