



# GV50M Firmware Release Note

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

Firmware Version: R20A06V06

*International Telematics Solutions Innovator*

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## 0. Preface

This Release Note introduces the latest change of GV50M firmware and briefly describes the improvements over preceding versions. You can also find the whole history of all the changes of GV50M firmware in this document

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## 1. For Firmware Version R20A06V06

<b>GV50M Firmware Version</b>	GV50M_R20A06V06
<b>Applicable @Track Air Protocol Version</b>	GV50M @Track Air Interface Protocol_V17.0A
<b>Applicable Manage Tool Version</b>	Queclink_GV50M_Manage_Tool_V1.34
<b>Problems Fixed</b>	<ol style="list-style-type: none"><li>1. Optimized the external power supply detection;</li><li>2. Fixed the Auto-unlock PIN failure problem;</li><li>3 Optimized the GPS performance and ODO mileage calculation.</li></ol>
<b>New Features</b>	<ol style="list-style-type: none"><li>1. Added parameter "Hysteresis Error" in AT+GTEPS to suppress the bouncing of external power supply voltage detection.</li><li>2. Added an initialization command to the firmware to ignore the network priority written in the SIM card.</li></ol>

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## 2. For Firmware Version R20A05V04

<b>GV50M Firmware Version</b>	GV50M_R20A05V04
<b>Applicable @Track Air Protocol Version</b>	GV50M @Track Air Interface Protocol_V17.06
<b>Applicable Manage Tool Version</b>	Queclink_GV50M_Manage_Tool_V1.28
<b>Problems Fixed</b>	<ol style="list-style-type: none"><li>1. Fixed network connection related problem;</li><li>2. Changed the range of “Hour Offset” of GTTMA to 0-12;</li><li>3. Fixed the problem that there is the chance that the reports may not be able to be sent out through SMS when the report mode is Force on SMS.</li></ol>
<b>New Features</b>	<ol style="list-style-type: none"><li>1. In the rare case that the setting values of the parameters may get lost after abnormal power down, BOR function is added.</li></ol>

### 3. For Firmware Version R20A03V07

<b>GV50M Firmware Version</b>	GV50M_R20A03V07
<b>Applicable @Track Air Protocol Version</b>	GV50M @Track Air Interface Protocol_V17.05
<b>Applicable Manage Tool Version</b>	Queclink_GV50M_Manage_Tool_V1.25
<b>Problems Fixed</b>	<ol style="list-style-type: none"><li>1. Deleted "Input Trigger Selection" of command AT+GTDIS;</li><li>2. Fixed the problem of retarded running of device firmware when GTUDF function is used.</li><li>3. The default GTDOG reboot interval is pre-set to seven days.</li></ol>
<b>New Features</b>	<ol style="list-style-type: none"><li>1. DMS function is newly added.</li></ol>

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#### 4. For Firmware Version R20A01V03

<b>GV50M Firmware Version</b>	GV50M_R20A01V03
<b>Applicable @Track Air Protocol Version</b>	GV50M @Track Air Interface Protocol_V17.01
<b>Applicable Manage Tool Version</b>	Queclink_GV50M_Manage_Tool_V1.16
<b>Problems Fixed</b>	1. Fixed the bug of AGPS.
<b>New Features</b>	None.

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