



GV500 Firmware Release Notes

GSM/GPRS/GPS Tracker

TRACGV500RN0209



International Telematics Solutions Innovator

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0. Preamble

This Release Note introduces GV500 firmware version **GV500NR00A02V09M128_MXIC** and briefly describes the benefits over preceding release. Also you can find difference compared with preceding release.

1. Current Release

1.1. @Tracker Protocol Support

GV500 firmware **GV500NR00A02V09M128_MXIC** supports @Tracker air interface protocol version 2.01. For detailed information about the protocol, please refer to the document GV500 @Track Air Interface Protocol R2.01.

1.2. New Features

The following table lists new features compared with the preceding firmware release, version **GV500NR00A01V22M128_MXIC**.

Item	Brief Description
1	Add <Discard Unknown Event> in the AT+GTHBM command.
2	Add mode 7 of the <Report Mode> in the AT+GTSRI and AT+GTQSS command.
3	Add OBD function mode to support listen mode in protocol ISO15765.
4	Add OBD function mode to support composite mode in protocol ISO15765.
5	Add OBD function mode to support SAE J1939 protocol.

1.3. Improved Features

The following table lists features or parameters that have been changed or improved compared with preceding firmware release, version **GV500NR00A01V22M128_MXIC**.

Item	Brief Description
1	Fix a bug that improved the speed of OBD request data function.
2	Fix a bug that improved accuracy for the <OBD Mileage> calculation in +RESP: GTOBD .
3	Fix a bug that the device fail to read OBD data from some vehicles.
4	Improve the ODO mileage saved function to avoid losing records.
5	Fix a bug that the +RESP: GTFRI and +RESP: GTGSM message report with incorrect interval value.
6	Modify buffer update interval from 10 minutes into 8 minutes to resolve the problem of a certain probability reboots.
7	Optimizing the strategy of save mileage to file system when the delta of mileage is over 500 meters and interval relative to last stored is over 30 seconds.
8	Fix a bug that the +RESP: GTHBM message is not reported with 0x42 status.

2. Release History

2.1. GV500NR00A01V22M128_MXIC

2.1.1. @Tracker Protocol Support

GV500 firmware **GV500NR00A01V22M128_MXIC** supports @Tracker air interface protocol version 1.00. For detailed information about the protocol, please refer to the document GV500 @Track Air Interface Protocol R1.00.

This is the initial firmware release of GV500.