

GV300N Firmware Release Notes

GSM/GPRS/GPS Tracker

TRACGV300NRN0405



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0. Preamble

This Release Note introduces GV300N firmware version **GV300NR00A04V05M128_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

GV300N firmware **GV300NR00A04V05M128_MXIC** supports @Tracker air interface protocol version 3.01. For detailed information about the protocol, please refer to the document GV300N @Track Air Interface Protocol V3.01.

1.2. New Features

The following table lists new features compared with the preceding firmware release, version **GV300NR00A04V05M128_MXIC**.

Item	Brief Description
1	Add AT+GTCMD , AT+GTUDF function.
2	Add AT+GTCAN function.
3	Add AT+GTUFS function
4	Add AT+GTRTO=11 function.

1.3. Improved Features

The following table lists features or parameters that have been changed or improved compared with preceding firmware release, version **GV300NR00A03V05M128_MXIC**.

Item	Brief Description
1	Resolve some operators can't register the gprs in the Mexico.
2	Add detach gprs operations.
3.	Combine the VIVA and ROM bin file.

2. Release History

2.1. GV300NR00A03V05M128_MXIC

2.1.1. @Tracker Protocol Support

GV300N firmware **GV300NR00A03V05M128_MXIC** supports @Tracker air interface protocol version 2.02. For detailed information about the protocol, please refer to the document GV300N @Track Air Interface Protocol V2.02.

2.1.2. New Features

The following table lists new features compared with the preceding firmware release, version **GV300NR00A02V03M128_MXIC**.

Item	Brief Description
1	Add command AT+GTCRA for crash detection.
2	Add <i><+CRD Mask></i> in command AT+GTHRM .
3	Add <i><Turn and Break Threshold></i> , <i><Turn and Break Duration></i> , <i><Accelerate Threshold></i> , <i><Accelerate Duration></i> and modify <i><Enable></i> to <i><Mode></i> for three added mode '2-4' in command AT+GTHBM .
4	Support upgrading in air.

2.1.3. Improved Features

The following table lists features or parameters that have been changed or improved compared with preceding firmware release, version **GV300NR00A02V03M128_MXIC**.

Item	Brief Description

2.2. GV300NR00A02V03M128_MXIC

2.2.1. @Tracker Protocol Support

GV300N firmware **GV300NR00A02V03M128_MXIC** supports @Tracker air interface protocol version 2.01. For detailed information about the protocol, please refer to the document GV300N @Track Air Interface Protocol V2.01.

2.2.2. New Features

The following table lists new features compared with the preceding firmware release, version **GV300NR00A01V06M128_MXIC**.

Item	Brief Description
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1	Add command AT+QBUZ , AT+QBUZCFG to control buzzer.
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2.2.3. Improved Features

The following table lists features or parameters that have been changed or improved compared with preceding firmware release, version **GV300NR00A01V06M128_MXIC**.

Item	Brief Description
1	Close NVRAM_PSEUDO_MERGE function to resolve serial unused when device updated by Firmware_Upgrade_Tool_Duplex.

2.3. GV300NR00A01V06M128_MXIC

2.3.1. @Tracker Protocol Support

GV300N firmware **GV300NR00A01V06M128_MXIC** supports @Tracker air interface protocol version 1.01. For detailed information about the protocol, please refer to the document GV300N @Track Air Interface Protocol V1.01.

This is the initial firmware release of GV300N.