



Firmware Release Notes
TT8750N+RN001

TT8750N+

Firmware Release Notes

Revision 1.1

06/29/2015

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Document Title	TT8750N+ Firmware Release Notes
Version	1.1
Date	06/29/2015
Status	Released
Document Control ID	TT8750N+RN001

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0. Preamble

This Release Note introduces TT8750N+ firmware version **TT8750PR02A02V05**. Briefly describes the benefits over the preceding release, and provides all changes compared to the preceding release.

1. Current Release

1.1. Skypatrol Protocol Support

TT8750N+ firmware TT8750PR02A02V05 supports TT8750+ Air Interface Protocol Skypatrol version 1.16. For detailed information about the protocol, please refer to the document TT8750+AT001 - Skypatrol AT Command Set - Rev 1_16 and TT8750+AT002 - Skypatrol MDT AT Command 5_0.pdf

1.2. New Features

The following table lists new features compared with the preceding firmware release, version TT8750PR02A02V03.

Item	Brief description
1	Added the command AT+GSN to get the IMEI of the device

1.3. Improved Features

The following table lists features or parameters that have been changed or improved compared with the preceding firmware release, version TT8750PR02A02V03

Item	Brief description
1	Modified the response for the command AT+CGMR to be compatible with old versions of the firmware

2. Release History

2.1. TT8750PR02A02V03

TT8750N+ firmware TT8750PR02A02V03 supports TT8750+ Air Interface Protocol Skypatrol version 1.16. For detailed information about the protocol, please refer to the document TT8750+AT001 - Skypatrol AT Command Set - Rev 1_16 and TT8750+AT002 - Skypatrol MDT AT Command 5_0.pdf

2.1.1. New Features

The following table lists new features compared with the preceding firmware release, version TT8750PR01A07V07.

Item	Brief description
1	Added a new event 82 to detect GSM signal quality value. Parm1(-110 - 0) dBm Parm2(-110 - 0) dBm
2	Add the parameters of \$TTGSMJDC to result of AT&V command.
3	Added acceleration based on GPS as an event (input function 64)
4	Added a command AT\$TTODOENA to enable or disable odometer when ignition is OFF
5	Added the option to send text message with ACK

2.1.2. Improve Features

The following table lists features or parameters that have been changed or improved compared with the preceding firmware release, version TT8750PR01A07V07

Item	Brief description
1	Removed all functions related with Garmin
2	Added patch to improve GPRS activation
3	Fixed a bug that return error when send multi-commands by GPRS or SMS.
4	Improved the procedure to write buffer to file
5	Set default APN value to NULL
6	Fixed a bug produced when set the command AT\$TTTA=0, the geo-fence created was not deleted.

7	Fixed a bug produced when set the command AT\$TTHC=0, the group created by the command is not deleted.
8	Increased to 36000 the maximum value for input function 50 (voltage for external battery)
9	Improved the algorithm to detect GSM jammer.

2.1.3. Hardware changes

The following table lists features or parameters that have been changed or improved compared with the preceding firmware release, version TT8750PR01A07V07.

Item	Brief description
1	New communication module (chipset)
2	New GPS module (56-channel u-blocks)
3	New processor (MTK 6261A, Operation Frequency: 260 Mhz)