

SIEMENS

MC35i Terminal



RELEASE NOTES

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Wireless Modules

Contents

| | | |
|----------|------------------------------|-------------------------------------|
| 1 | Preamble | 3 |
| 1.1 | Scope of the product..... | Error! Bookmark not defined. |
| 1.2 | Related documents | 3 |
| 2 | Important notes | 4 |

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MC35i Terminal

1 Preamble

This Release Note introduces MC35i Terminal, version 01.02a. In order to reflect minor changes in the documentation and changes in the conformity status the version number has been changed to version **01.02a**. The software version (01.02) remains the same.

Therefore it should note that the MC35i Terminal has been approved to comply with the standards listed in [1]. It is now labeled with the CE conformity mark as well as the automotive type approval mark "e".

1.1 Related documents

- [1] MC35i Terminal Hardware Interface Description, Version 01.02a
- [2] AT Command Set for MC35i and MC35i Terminal, Version 01.02a
- [3] GPRS Startup User's Guide
- [4] Remote-SAT User's Guide
- [5] Multiplexer User's Guide
- [6] Multiplex Driver Developer's Guide for Windows 2000 and Windows XP
- [7] Multiplex Driver Installation Guide for Windows 2000 and Windows XP
- [8] DSB35 Support Box – Evaluation Kit for Siemens Cellular Engines
- [9] Application Note 14: Audio and Battery Parameter Download

2 Important notes

The following table contains a list of known problems and provides workarounds where appropriate.

| Item / Category | Problem / Workaround |
|--|--|
| Hardware control signals of the serial interface | The settings made for the hardware control signals of the serial interface (e.g. AT\Q3, AT&D) must be compatible with the behaviour of the external application. If the external application is designed to toggle the control signals of the serial interface, it must be ready to receive data from the module as soon as it activates the lines of the serial interface. This avoids loss of data sent from the module, especially at the time when the serial interface is being opened. To prevent problems it is recommended not to disconnect the external application from the serial interface. |
| AT^SRTC | If you execute the AT^SRTC write command several times in a quick succession take into account that the selected configuration needs to be saved. Therefore, it is necessary to leave a pause of approximately 3.2 seconds before entering the next AT^SRTC write command or querying the current status with the AT^SRTC read command. |
| AT^SNFD / AT^SNFS | AT^SNFD resets the parameters configured with AT^SAIC, AT^SNFI, AT^SNFO and AT^SNFS to their factory defaults. However, please note that the restored setting AT^SNFS=1 does not take effect until after the next restart of MC35i Terminal. Workaround: To avoid restarting MC35i Terminal, simply enter AT^SNFS=1 if you wish to return to the default audio mode 1. |
| Remote-SAT | The Unsolicited Result Code ^SSTN: 254 signals the termination of the current SAT menu session and triggers the display of the SAT main menu (formerly transferred on URC ^SSTN: 37). However, in the present release of MC35i Terminal, this URC does not appear if SAT AT command sequences are fired without delay. Workaround: Enter a general 100 ms delay before the beginning of a new SAT AT command. |
| Using ATH if a GPRS connection is established | In case you wish to terminate a GPRS and a CS call at the same time entering the ATH command, a 40 second delay occurs before the call will be terminated. Workaround: Enter ATH on an interface which is not used for the GPRS connection or enter the CHLD command to terminate the CS call first. The GPRS connection can be deactivated using ATH or AT+CGACT. Please note that AT+CHLD is available whether or not the Multiparty service has been subscribed to, e.g. the command can be used even though the SIM card does not support Multiparty calls. |
| AT+CFUN and SLEEP mode | CYCLIC and NON-CYCLIC SLEEP modes are currently not fully supported. It is not recommended to activate one of the SLEEP modes specified in [1] and [2]. |