

Delta SW version 10.00.xx4 - 10.00.xx5

For GE865-QUAD, GE864-QUAD, GE864-QUAD V2, GE864-DUAL V2, GE864-QUAD Automotive V2, GC864-QUAD, GC864-QUAD V2, GC864-DUAL V2, GL865-DUAL, GL865-QUAD, GL868-DUAL 30309NT10984A Rev. 4 – 2011-08-09



Making machines talk.

APPLICABLE PRODUCTS

PRODUCT	P/N
GE865-QUAD	GE865QUD004xxxx
GE864-QUAD	GE864QUD004xxxx
GE864-QUAD V2	GE864Q2D004xxxx
GE864-DUAL V2	GE864D2A004xxxx
GE864-QUAD Automotive V2	GE864AUT004xxxx
GC864-QUAD	GC864QUD004xxxx
GC864-QUAD V2	GC864Q2D004xxxx
GC864-DUAL V2	GC864D2A004xxxx
GL865-DUAL	GL865DUA004xxxx
GL865-QUAD	GL865QUD004xxxx
GL868-DUAL	GL868DUA004xxxx



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1. Introduction

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For general contact, technical support, to report documentation errors and to order manuals, contact Telit's Technical Support Center (TTSC) at:

TS-EMEA@telit.com TS-NORTHAMERICA@telit.com TS-LATINAMERICA@telit.com TS-APAC@telit.com

Alternatively, use: <u>http://www.telit.com/en/products/technical-support-center/contact.php</u>

For detailed information about where you can buy the Telit modules or for recommendations on accessories and components visit: http://www.telit.com

To register for product news and announcements or for product questions contact Telit's Technical Support Center (TTSC). Our aim is to make this guide as helpful as possible. Keep us informed of your comments and suggestions for improvements.

Telit appreciates feedback from the users of our information.

1.2. Text Conventions



<u>Danger – This information MUST be followed or catastrophic equipment failure or bodily</u> <u>injury may occur.</u>

Caution or Warning – Alerts the user to important points about integrating the module, if these points are not followed, the module and end user equipment may fail or malfunction.

Tip or Information – Provides advice and suggestions that may be useful when integrating the module.

All dates are in ISO 8601 format, i.e. YYYY-MM-DD.



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1.3. Related Documents

The following is a list of applicable documents downloadable from the Download Zone section of Telit's website <u>http://www.telit.com</u>

• AT Command Reference Guide, 80000ST10025a Rev.11



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2. Delta Software from 10.00.xx4 to 10.00.xx5

2.1. New Features

Description

AT#CMUXMODE: introduced a new mode to handle DTR line

AT#SMSMODE: introduced a new mode (2) to be compliant with TS22.101, par. A.25 "Fixed number dialing": when FDN is active, SMSC address must be checked before sending the message

AT#CFF: support new requirement <CDR-GSM-520> for AT&T certification

AT#SSENDUDP: This command permits, in command mode, sending data over UDP to a specific remote host

AT# #SSENDUDPEXT: This command permits, in command mode, sending data over UDP

to a specific remote host including all possible octets(from 0x00 to 0xFF)

AT#ST: Set command reports the current type of the socket (TCP/UDP) and its direction (

Dialer / Listener)

Support for Ecall v9.4

Removed support for Broadsense

Removed support for Telefonica

Support for SSL

Set ENHSIM=1 by default on all product

Added DTMF tone event on "Event Monitor" feature



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2.2. General Enhancements

ID	Description				
ID#8677	Correct CREG response if SIMLOCK is enabled and SIM is locked. It must report CREG=0				
ID#8209	Improvement reselection folder 7F10 after selection folder 5F50 SIM to avoid failure with Reliance GSM Sim card				
ID#8676	Removed unused padding byte on GMM Attach Request inside coding of MS RA Capabilities				
	be compliant with Anite instrument.				
ID#8257	Improvement on CSD data call when ATA is issue before RING				
	→ CSD call was not established				
ID#8074	Ecall: Improvement on sending MSD after a PDP context activation				
ID#8130	Improvement on slow registration when national roaming is used				
Enh	Increased T200 FACCH timeout for failure in NAL Lab on data link				
ID#7817					
ID#7823	Optimized coding of PACKET RESOURCE REQUEST(11.2.16) relating to the MS Radio Access				
	Capability(3gpp 24.008; 10.5.5.12a) field, removing unused spare bit				
ID#7907	Handling number too long on AT+CTFR command				
ID#7606	Handling FDN enabled when PIN 2 is blocked and PUK 2 is required #SPN must be readable with PIN in pending, to be compliant with ETSI 51.011: file EFspn is always				
ID#7682	readable				
ID#7669	Handling DTR change status on EVMONI				
ID#7581	AT+CSMP: error setting SMS-DELIVER <fo> values</fo>				
ID#7534	Make AT#QDNS works when Context 1 is activated AND USED				
ID#7476	Improvement on closure socket #SL/SLUDP without #SH				
ID#7006	Improvement on CREG indication during At+CFUN $1 \rightarrow 4 \rightarrow 1$				
ID#7040	Reset Alarm interrupt each time new Alarm is set				
ID#7182	Corrected handling info on System Information 2bis o 2ter to report right BaList on AT#CSURV				
ID#7365	Improvement on telnet connection in TCP AT run Server mode				
ID#7454	Improvement on handling AT#SS and AT#SI to avoid reports negatine ACK number				
ID#7453	Improvement on handling AT#SS, AT#SL, AT#SA, to avoid wrong reports of Remote address and Local Port				
ID#7069	Change behaviour of #SD to avoid CONNECT message with a wrong IP address				
ID#7005	Improvement on charger detection procedure to make it works after unplugged-plugged				
ID#6627	Handling "SIM reset (type 4) and "SIM initialization and full file change notification" (type0) on SMS data download				
ID#7041	Update Ciphering Key to be compliant with 24.008, 4.3.2.2 Authentication response by the mobile station The mobile station shall be ready to respond upon an AUTHENTICATION REQUEST message at any time whilst a RR connection exists. It shall process the challenge information and send back an AUTHENTICATION RESPONSE message to the network. The new ciphering key calculated from the challenge information shall overwrite the previous one and be stored on the SIM before the AUTHENTICATION RESPONSE message is transmitted. The ciphering key stored in the SIM shall be loaded in to the ME when any valid CIPHERING MODE COMMAND is received during an RR connection (the definition of a valid CIPHERING MODE COMMAND message is given in sub-clause 3.4.7.2). The ciphering key sequence number shall be stored together with the calculated key.after channel release				



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ID	Description	
ID#6960	Handling properly cause macT3174Expired on CSPktTransfer and CSPkIdle_BCCh	
ID#6311	1 Improvement on call party to handle properly second call attempts and to be complaint with TS22.030	
ID#7005	Improvement on charger detection procedure to make it works after unplugged-plugged	



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3. Document History

Revision	Date	Changes
ISSUE#0	2009-09-30	First Issue - Delta Software from 10.00.x01 to 10.00.x02
ISSUE#1	2009-11-04	Removal of AT&T test references
ISSUE#2	2010-07-02	Delta Software from 10.00.x02 to 10.00.x03
ISSUE#3	2011-02-21	Delta Software from 10.00.x03 to 10.00.x04
ISSUE#4	2011-08-09	Delta Software from 10.00.x04 to 10.00.x05



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