

# TANGO 864

## Quad Band GSM/GPRS terminal

Integrated Quad Band GSM/GPRS core

Data, SMS, Voice and Fax

GPRS class B, class 10

CS 1 to 4 and PBCCH support

Audio Interface

Software reset functionality

Car voltage range power supply

Internal & external SIM interface

Complete FCC/CE/e1 approval

Phyton programmable



## The FALCOM TANGO 864

is designed for use on any GSM network in the world. The TANGO 864 modem incorporates all you needs to create high-performance GSM/GPRS solutions; base band processor, power supply ASIC, complete radio frequency circuit including a power amplifier, internal and external SIM interfaces and an antenna interface as well.

The TANGO 864 is a mobile stations for transmission of voice, data calls and FAX as well as short messages (SMS - Short Message Service) in GSM Network. To control the GSM module there is an advanced set of AT commands according to GSM ETSI (European Telecommunications Standards Institute) 07.07 and 07.05 implemented.

## Technical specification

<b>GSM core</b>	<b>Temperature range</b>
TELIT GE864-Quad module	Normal: -20°C to +55°C
850/900/1800/1900 MHz	Extended*: -30°C to +80°C
GPRS class 10, class B	<b>Audio features</b>
TCP/IP (accessible via PFAL commands)	Speech code modes: half rate, full rate,
<b>Casing</b>	enhanced full rate, adaptive multi rate
Fully shield	Echo cancellation, noise reduction
<b>Electrical characteristics</b>	<b>Interfaces</b>
Power supply:	External antenna interface SMB or FME
10.8 ... 31.2 V DC $\pm 5\%$	Analog audio RJ45 interface
Power consumption:	Serial interface RS 232 for AT commands
24 mA in Sleep mode	<b>Accessory</b>
<b>Physical characteristics</b>	Mounting cradle for TANGO 864
Dimensions: (L x W x H)	
115 mm x 52 mm x 26 mm	
Weight: 83 g	

\* Temperature outside the -20°C to +55°C range can affect the sensitivity and the performance of the modem  
 Note: Specifications and information given in this document are subject to change by FALCOM without notice.  
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