

GT864 E

Entry level dual band GSM terminal for standard M2M applications

The GT864 E is a self-contained terminal featuring the latest technology from Telit.

As a dual-mode GSM terminal operating in the 900 and 1800 MHz frequency bands, it can be deployed in all of Europe as well as a wide range of additional countries where both frequencies are available from network operators.

GT864 E is targeted towards System Integrators developing M2M applications where cost optimization is a key selection criterion. With the support of audio functionality, System Integrators can address a wide range of standard applications, including adding wireless connectivity to vending machines, smart meters, medical devices, and many more.

Key Benefits

- Attractive pricing level
- Standard support for RS232 based access to terminal functionality
- Support for analogue audio

Key Features

- Dual band GSM terminal
- Telit AT command set
- RS232 Interface
- Audio support
- Ultra-low power consumption mode

Sample Applications

- Wireless interface for POS terminals with Audio support
- Remote monitoring of rechargeable battery powered devices



Wireless Features

- Module Name: GL865 Dual V3
- GSM/GPRS Frequency Bands: 900 / 1800 MHz
- GPRS Class: Class 10
- GPRS Features: Mobile station class B
- Coding scheme 1 to 4
- PBCCH Support
- NACC, Extended TBF
- Output Power:
 - Class 4 (2W) @ 900 MHz
 - Class 1 (1W) @ 1800 MHz
- CSD: Asynchronous non-transparent, up to 9.6 kbps, V.110
- USSD
- SMS: Text and PDU mode, Cell Broadcast, Concatenated SMS, SMS over GPRS
- Additional Wireless Features: DARP/SAIC Support
- Speech Codecs: FR, HR, EFR and AMR
- Additional Audio Features: Embedded DTMF Decoder
- Audio Profiles
- Fixed Dialing Number
- Echo cancellation & noise reduction
- Fax Service: Fax Class 1

Hardware Features

- IP Protection: IP40
- SIM Card Holder: 1x (1,8/3 Volt)
- SIM Chip Option: Yes
- LEDs: 1x GSM
- Realtime Clock: With alarm functionality
- Type Approvals: CE

Optional Features: Please contact us to discuss the development of customized terminals per your requirements.

Accessories (exemplary)



Software

- AT Command Set: Hayes Compliant, TS 27.005, 27.007 and Telit custom AT
- Firmware Update: Serial + FOTA
- SIM Application Toolkit: ?
- TCP/IP Stack: TCP, UDP, ICMP, HTTP, DNS, FTP, SSL, SMTP
- Cellular Positioning
- Jamming Detection

Connectors

- D-Sub (9-pin): 1x Female (RS232)
- USB: Mini-USB (Audio)
- RJ11: 1x (Power)
- FME: 1x Male (Antenna)

Power Management

- Voltage Range: 5V - 32V
- Input Current (Max): 110 mA @12V; 60 mA @24V
- Output Voltage: 1V
- Output Current (Min): 0,4A
- Power Cons. (Idle Mode): 8.9 mA (*)
- Power Cons. (Low Power Mode): <3 mA (@ 12V) (*)

Hardware Characteristics

- Operating Temperature: -30°C to +75°C
- Dimensions: 77x66x26 mm
- Weight: 91g

(*) Measurement averaged (including peaks) over a minimum of 1 minute measurement interval.

About Telic AG

Telic AG offers a wide range of products and development services, from initial concept design to the mass market production of customer specific solutions which are deployed in telematics, M2M, IoT and security applications.



CEP Terminals is a brand of the Telic AG.

Website: www.telic.de

© Telic AG, V1.5-082018

Product specifications are subject to change without prior notification.