

CT63 E

The entry level GSM terminal for standard M2M applications

The CT63 E is a self-contained terminal featuring field-proven technology from Gemalto.

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.

The CT63 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
- Field-proven communications module technology from Gemalto

Key Features

- Entry-level dual band (900 & 1800 MHz) GSM terminal
- Cinterion AT command set
- RS232 (D-Sub 9-pin) interface
- Audio (Mini USB)
- 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: Gemalto BGS2-E Rel.2
- GSM/GPRS Frequency Bands: 900 / 1800 MHz
- GPRS Class: Class 10
- Output Power:
 - Class 4 (2W) @ 900 MHz
 - Class 1 (1W) @ 1800 MHz
- CSD: Up to 14.4 kbps
- USSD
- SMS: Text and PDU mode, cell broadcast
- Speech Codecs: FR, HR, EFR and AMR
- Fax Service: Fax Group 3, Class 1 & 2

Hardware Features

- IP Protection: IP40
- SIM Card Holder: 1x (1,8/3 Volt)
- SIM Chip Option
- LEDs: 1x GSM
- Realtime Clock with alarm functionality
- Mounting: Screws; DIN Rail (optional)
- Type Approvals: CE

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

Software

- AT Command Set: Hayes Compliant, TS 27.005, 27.007 and Gemalto custom AT
- Firmware Update: Serial
- SIM Application Toolkit: Rel. 99
- TCP/IP Stack: TCP, UDP, ICMP, HTTP, DNS, FTP, SMTP, POP3, TLS

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; Typical: 1,2A
- Power Consumption (Idle Mode): < 20 (@ 12V) mA (*)
- Power Consumption (Low Power Mode): ~2 mA (@ 12V) (*)

Hardware Characteristics

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

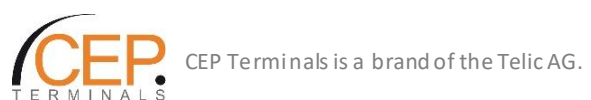
(*) Measurement averaged (including peaks) over a minimum of 1 minute measurement interval.

Accessories (exemplary)



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Product specifications are subject to change without prior notification.