

GS64Terminal

The GSM/GPRS Quad Band Modem with TCP/IP stack, mini USB and RS232 port

Features:

- Quad Band
- USB port
- RS232 serial port
- GPRS Class 10
- TCP/IP stack
- SMS and CSD
- 5-36 V DC supply
- -30°C to +75°C
- CE approval
- FCC approval
- E-Marking
- RoHS compliant
- 3 Status LEDs
- SIM card holder
- Ideal for today's GM29 users
- I/O variants available
- Made in Germany



GS64Terminal

The GS64Terminal is a self contained unit featuring the latest GSM/GPRS technology from Wavecom.

Since the GS64Terminal is mainly mechanical and electrical compatible to the Sony Ericsson GM29 GSM/GPRS Terminal, the GS64Terminal can be seen as a very powerful successor for today's users of GM29.

GS64Terminal is the excellent product for system integrators who focus on application development by using a ready to start modem with standard connectors.

Benefits

- The Quad Band functionality allows operation on all relevant GSM-frequencies.
- The USB and the RS232 ports allow connectivity to all relevant PC's and control boards in office and industrial environments.
- The GPRS class 10 allows fast data transfer on up to four simultaneous GPRS-channels and up to two uplink channels.
- The included TCP/IP stack gives system integrators fast access to IP connections just by using AT commands.
- The robust connectors and the professional housing allow the integration in a harsh environment.
- The extended temperature range from -30°C up to +75°C enables the usage in tough environments such as vending machines, alarm systems or any other telemetry application.
- The wide input voltage range up to 36V and the E-Marking allows the integration in vehicle applications for telematic solutions.

GS64Terminal, the GSM/GPRS Quad Band Modem with USB

Product Features

- Quad Band GSM/GPRS
- GSM 850/900 Power class 4 (33dBm)
- GSM 1800/1900 Power class 1 (30dBm)
- Mobile Class B
- Extended Measurement Reporting
- Compliant with 3GPP Release 99 Protocol Stack
- Power supply: 5 – 36 VDC
- Overall dimensions (excluding connectors):
77 x 67 x 26 mm
- Temperature range:
 - -30°C to +75°C (Operational)
 - -40°C to +85°C (Storage temperature)
- Weight: ca. 100g

Interfaces

- RS232 9-way DSub
- USB mini (2.0 Full-Speed End-Point Compliant)
- Power: 5 – 36VDC (RJ11)
- Antenna: 50 Ohms (FME male)
- SIM card reader: 1,8V/3V interface with SIM detection
- Control by AT commands (GSM 27.005, 27.007 plus proprietary commands)

Data Features

- GPRS Class 10
- Multiple simultaneous PDP contexts
- GPRS Coding Schemes CS1-CS4
- Transparent and non-transparent CSD up to 9.6 kbps
- Modem Type; V21, V22, V23, V22bis, V26ter, V32, V34, V24
- V42bis compression
- GSM supplementary services supported
- GSM 27.010 Multiplexing Protocol
- USSD

Short Message Service (SMS) Features

- Text and PDU
- Point to point (MT/MO)
- Cell Broadcast

Internet Protocol

- TCP/IP protocol stack
- Extensive AT Command access to TCP/IP stack
- Multiple sockets with listening/server capability
- IPv4 protocol
- Dynamic & Static IP address allocation
- PPP protocol (PAP)
- UDP protocol
- FTP client – File Transfer Protocol (file transfers)

Other Features

- SIM Application Toolkit Class 2
- 3 x LED for status indication
- Power Supply voltage measurement via AT-Command
- Same mounting holes as Sony Ericsson GM29
- Same connector positions as Sony Ericsson GM29
- I/O variants with up to 6 inputs, 4 outputs and 2 RS232 ports are available on request to fulfil also extended users needs

Note: Specification is preliminary and subject to change without prior notice.

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