

LTE GSM Modem CAT M



LTE GSM Modem for wireless data transfer
(RS 232, USB or LAN)

- Order no.: 700450150S (RS232-Version)
- Order no.: 700450160S (USB-Version)
- Order no.: 700450161S (USB dualpowered)
- Order no.: 700450170S (LAN-Version)

Applications

Data transmission out of:

- distance measurement applications
- SPS controlled applications
- PC systems
- RAS applications
- Vending machines
- Air power applications



General informations

Standard interfaces for industrial applications and integrated SIM card reader makes the LTE GSM Quadband Modem a right LTE GSM terminal solution for several applications in wireless data. It allows the quick realisation of applications in the telemetry and telematic.

Conditions

To use the LTE GSM Modem you need:
PC with RS232, USB or LAN-interface, Antenne, wall plug or alternative power supply, SIM-card with data activation (prepaid or fix contract)

Technical specific features

- Available with RS232, USB (Bus-powered or 12 V power supply for dual powered) or LAN
- Usable with Windows and Linux systems
- Using all LTE/GSM services (voice (voice call without voice transmission possible), data, tele.)
- Using in european LTE/GSM networks (other regions on request)
- IP with TCP and UDP, FTP, SMTP, SMS
- Small dimensions for simple integration in applications

Technical data

GSM networks GSM 800 + 900 + 1800 + 2100 + 2600 MhZ

Data rate 300 kbps Up, 375 kbps Down (LTE CAT M)
Fallback to 3G and 2G

Approval CE, GCF (Europe), worldwide

Physical dimensions/weight 62 x 59 x 20mm (L x B x H) / 49 g

Temperature range - 40 °C bis + 65 °C working temperature

Power supply 9-35 V DC (LAN, RS232), BUS powered (USB)

Power consumption 9 V (middle 250 mA, peak 1000 mA), 12 V (middle 180 mA, peak 750 mA), 24 V (middle 100mA, peak 400mA)

AT-Commands 3 GPP rel.9 compliant, 3 GPP TS 51.014 (SIM), Standard- and extended AT Commands

Interfaces LAN, USB oder RS232,
D-SUB 9 female

Aerial SMA, 50 Ohm

Scope of supply LTE GSM Modem
Manual
CD with Software

Optionale accessories Wall plug 230 V AC / 12 V DC
Glass Attached Antenna (Indoor use),
1,5 m cable (SMA)
Round Antenna PUK (Indoor and
Outdoor use), 3 m cable (SMA)

Order-No.
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300303304S
300303310S