

# LTE GSM Modem CAT 1

LTE GSM Modem for wireless data transfer  
(RS232, USB or LAN)

Order no.: 700550150S (RS232-Version)

Order no.: 700550160S (USB-Version)

Order no.: 700550170S (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 LAN
- Usable with Windows and Linux systems
- Using all LTE/GSM services (voice, 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** 5 Mbps Up, 10 Mbps Down (LTE CAT 1)  
Fallback to 3G and 2G

**Approval** CE, GCF (Europe)

**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

<b>Optionale accessories</b>	Wall plug 230 V AC / 12 V DC	<b>Order-No.</b> 305307214
	Glass Attached Antenna (Indoor use), 1,5 m cable (SMA)	300303304S
	Round Antenna PUK (Indoor and Outdoor use), 3 m cable (SMA)	300303310S