

# LTE GSM Modem CAT 4

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

Order no.: 700600150S (RS232-Version)  
Order no.: 700600160S (USB-Version)  
Order no.: 700600170S (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 (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

<b>GSM networks</b>	GSM 800 + 900 + 1800 + 2100 + 2600 MhZ	<b>AT-Commands</b>	3 GPP rel.9 compliant, 3 GPP TS 51.014 (SIM), Standard- and extended AT Commands
<b>Data rate</b>	50 Mbps Up, 100 Mbps Down (LTE CAT 4) 5.76 Mbps Up, 42.0 Mbps Down (HSPA+)	<b>Interfaces</b>	LAN, USB oder Rs232, D-SUB 9 female
<b>Approval</b>	CE, GCF (Europe)	<b>Aerial</b>	SMA, 50 Ohm
<b>Physical dimensions/ weight</b>	62 x 59 x 20mm (L x B x H) / 49 g	<b>Scope of supply</b>	LTE GSM Modem Manual CD with Software
<b>Temperature range</b>	- 40 °C bis + 65 °C working temperature	<b>Optionale accessories</b>	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)
<b>Power supply</b>	9-35 V DC (LAN, RS232), BUS powered (USB)	<b>Order-No.</b>	305307214 300303304S 300303310S
<b>Power consumption</b>	9 V (middle 250 mA, peak 1000 mA), 12 V (middle 180 mA, peak 750 mA), 24 V (middle 100mA, peak 400mA)		