

# M2M MODEM

## GSM/GPRS MODEM

Housed in a rugged metallic casing

## Speed up GPRS Integration



### Wireless Modules

The C37i Terminal is a robust unit with integrated GPRS and Dual-Band GSM functionality. It allows your products to immediately offer the full benefits of GPRS technology, such as permanent online connections plus cost-efficient, high-speeds data transmission. The C37i Terminal can be used with a wide range of applications, such as:

- Metering
- Fleet management
- Traffic control
- POS terminals
- Vending machines
- Freight tracking
- Security systems
- Remote monitoring

## C37i Terminal

Just plug & play: Accelerate development and implementation by simply plugging the C37i Terminal into your products. It is backwards-compatible with the C37i Terminal and offers additional features.

# C37i Terminal - the fastest way to get high-speed wireless voice and data communication

The ultra compact Dual-Band C37i Terminal has all the right industrial interfaces for GPRS class 8 data, voice, SMS and Fax applications. It can be powered by a wide range of voltages. A built-in SIM card reader makes it easy to plug the C37i Terminal into your applications.

## Inside



### General features:

- Dual-Band EGSM900 and GSM1800
- Compliant to GSM phase 2/2+
- Output power:
  - Class 4 (2 W) for EGSM900
  - Class 1 (1 W) for GSM1800
- Control via AT commands
- SIM Application Toolkit
- Multiplex RS232 interface
- Power save mode
- Supply voltage range 5...32 V
- Dimensions: 96 x 54 x 25 mm
- Weight: 130 g
- Ambient temperature: -20 °C ... +55 °C

### Specification for fax:

- Group 3, class 1, 2

### Specifications for SMS:

- Point-to-point MO and MT
- SMS Cell broadcast
- Text and PDU mode
- Storage: SIM card plus 25 SMS location in mobile equipment
- Transmission of SMS alternatively over CSD or GPRS

### Specifications for audio:

- Half rate (HR) (ETS 06.20)
- Full rate (FR) (ETS 06.10)
- Enhanced full rate (EFR)
- Basic hands-free operation

- Echo cancellation
- Noise reduction

### Interfaces:

- Plug-in power supply
- Handset audio interface
- Mini-SIM card reader
- Antenna connector SMA (Female)
- V.24/V.28 interface on the USB
- SMA Antenna connector
- Operating status LED

### Specifications for data transfer GPRS :

- Multislot Class 10
- Full PBCCH support
- Mobile station, Class B

### GSM

- CSD up to 14.4 kbps
  - USSD
  - Non transparent mode
  - V.110, RLP
- PPP-stack for GPRS data transfer

### Additional features:

- Phone book
- Multiparty call
- Call diverting
- Real-time clock
- Alarm management
- Several ringing tones
- DTMF (Dual Tone Multi Frequency)

### Order Information: