

M2M modem

GSM/GPRS MODEM

Housed in a rugged metallic casing

Speed up GPRS Integration



Wireless
Modules

The C39i 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 C39i 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

C39i Terminal

Just plug & play: Accelerate development and implementation by simply plugging the C39i Terminal into your products. It is backwards-compatible with the C39i Terminal and offers additional features.

C39i Terminal - the fastest way to get high-speed wireless voice and data communication

The ultra compact Dual-Band C39i Terminal has all the right industrial interfaces for GPRS class 10 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 C39i Terminal into your applications.

SIEMENS Wireless Modules



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 6.5V...24 V
- Dimensions: 98 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

Specifications for audio:

- Half rate (HR)
- Full rate (FR)
- Enhanced full rate (EFR)
- Basic hands-free operation
 - Echo cancellation
 - Noise reduction

Interfaces:

- Plug-in power supply
- Mini-SIM card reader
- Antenna connector SMA (Female)
- V.24/V.28 interface on the 9-terminal sub-D socket (Standard)
- V.24/V.28 interface on the Sub-D socket RS-232 and audio through mini sub-D 15-pin connector supporting (option 1)
- SMA Antenna connector
- Operating status LED

Specifications for data transfer:

- GPRS class 10 (21.4 kbps uplink/85.6 kbps downlink or 42.8 kbps uplink/64.2 kbps downlink)
- Full PBCCH support
- GPRS mobile station, class B
- CSD up to 14.4 kbps
- USSD
- Non transparent mode
- V.110
- Coding scheme CS1, 2, 3, 4

Additional features:

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

Order Information: