

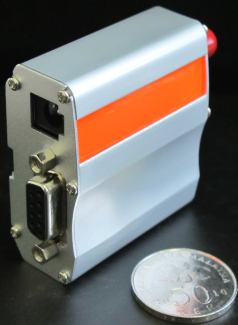
Housed in a rugged metallic casing

M2M modem

GPRS/GSM MODEM

Speed up GPRS/GSM Integration

Wireless
Modules



The C52i Terminal is a robust unit with integrated Quad-Band GPRS/GSM functionality. It allows your products to immediately offer the full benefits of GPRS/GSM technology, such as permanent online connections plus cost-efficient, high-speeds data transmission. The C52i Terminal can be used with a wide range of applications, such as:

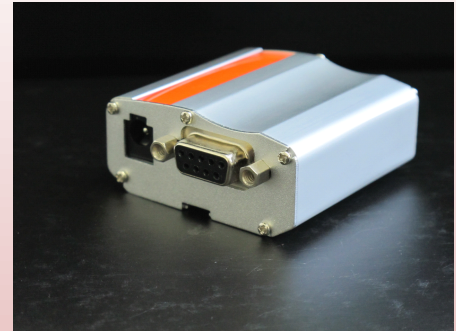
- Metering
- Fleet management
- Traffic control
- POS terminals
- Vending machines
- Freight tracking
- Security systems
- Remote monitoring

C52i Terminal

Just plug & play: Accelerate development and implementation by simply plugging the C52i Terminal into your products. It is backwards-compatible with the C52i Terminal and offers additional features.

C52i Terminal - the fastest way to get high-speed wireless voice and data communication

The **ultra compact** Quad-Band C52i Terminal has all the right industrial interfaces for GPRS, CSD 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 C52i Terminal into your applications.



General features:

- Dual-Band GSM 900/1800MHz
- GPRS multi-slot class 10
- 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
- TCP/IP stack access via AT commands
- Internet Services:
TCP,UDP,HTTP,FTP,SMTP, POP3
- Power save mode
- Supply voltage range 5...28 V
- Dimensions: 52 x 54 x 25 mm
- Weight: 100 g
- Ambient temperature:
-20 °C ... +60 °C

Specifications for GPRS data transmission:

- GPRS class 10: max 86kbps (DL)
- Mobile station class B
- PBCCH support

Specification for CSD data transmission:

- Up to 14.4 kbps
- V.110
- Non-transparent mode
- USSD support

Specifications for SMS:

- Point-to-point MO and MT
- SMS cell broadcast
- Text and PDU mode

Specification for fax:

- Group 3, class 2 and class 1

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 15-terminal sub-D socket with 2 x Port Serial interface (Optional)
- mini USB interface (Optional)
- Operating status LED

Specifications for data transfer:

- Full PBCCH support
- 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: