

Integrate GPRS fast

Now you can equip your products fast and simply with both GPRS and dual-band GSM: with the Cellular Engine MC35 Terminal. A robust unit that can be integrated via standard interfaces into the most diverse applications, without any great effort thanks to its built-in SIM card reader. Just by plug&play. You reduce your development and implementation times and your products immediately offer all the benefits of GPRS technology: permanent online connection plus fast and cost-efficient data transmission. Our Application Engineering Team will be pleased to provide support in the integration into your solution.

SIEMENS

Cellular Engine

MC35
Terminal



Be inspired

Cellular Engine MC35 Terminal

The fastest way to high-speed wireless voice and data communication



- Dual-band EGSM900/GSM1800
- GPRS class 8
- Low power consumption
- Data, Voice, SMS and Fax
- SIM application tool kit
- Operating status LEDs
- Broad voltage range
- Industrial pluggable interfaces
- Integrated SIM card reader
- Full type approval (R&TTE)
- Easy to integrate

The broadest application spectrum:

- Fleet management
- Traffic control
- Teleservice
- Security systems
- Remote monitoring
- Remote meter reading
- Vending machines
- Mobile office

Product features:

- Dual-band EGSM900 and GSM1800
- GPRS multi-slot class 8
- GPRS mobile station class B
- Compliant to GSM phase 2/2+
- Output power:
 - Class 4 (2W) at EGSM900
 - Class 1 (1W) at GSM1800
- Control via AT commands
- SIM application tool kit
- Supply voltage range 8V...30V
- Dimensions: 65 x 74 x 33 mm
- Weight: ca 130g

Approvals:

- R&TTE
- GCF approval

Audio:

- Half rate (HR)
- Full rate (FR)

- Enhanced full rate (EFR)
- Basic handsfree operation
 - Echo cancellation
 - Noise reduction

SMS:

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

Fax:

- Group 3, class 2

Data:

- CSD up to 14.4 kbps
- USSD
- Non transparent mode
- V.110
- GPRS: max. 85.6 kbps (downlink)
- Coding schemes CS1, CS2, CS3, CS4
- PPP-stack

Interfaces:

- Plug-in power supply
- Handset audio interface
- Mini-SIM card reader
- Antenna connector FME (male)
- V.24/V.28 interface on the 9-terminal Sub-D-socket
- Operating status LED
- Ignition lead on the 6-pin Western connector

Scope of supply:

- MC35 Terminal
- User guide

Peripheral devices:

- Antennas, SIM cards, power supply units, RS232 connection cable, handsets, mounting set for DIN rail can be obtained on the open market

More about the Wireless Modules from Siemens at:

www.siemens.com/wm