

Plug and play

The Cellular Engine TC35 Terminal is the fast plug & play solution from Siemens. Standard industrial interfaces and an integrated SIM card reader make it the ideal dual-band GSM terminal for universal use in voice/data communication. The wide performance spectrum and the robust case enable you to quickly develop new applications for industrial fields such as telemetry or telematics. We will be happy to support you with our Application Engineering in the integration of your solution. Worldwide.

SIEMENS

Cellular Engine
TC35
Terminal



Be inspired

Cellular Engine TC35 Terminal

Small, powerful and easy
to integrate



- Dual-band EGSM900/GSM1800
- Low power consumption
- Data, Voice, SMS and Fax (R&TTE)
- Full type approval
- Operating status LEDs
- Broad voltage range
- Industrial pluggable interfaces
- Integrated SIM card reader
- Multi purpose device

The broadest application spectrum:

- Fleet management
- Teleservice
- Security systems
- Vending machines
- Traffic control
- Telemetry
- Remote monitoring
- Remote control

Product features:

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

Approvals:

- R&TTE
- GCF approval

SMS:

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

Audio:

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

Data:

- CSD up to 14.4 kbps (as of 08/2001)
- USSD
- Non transparent mode
- V.110

Fax:

- Group 3, Class 2

Supplementary services:

- Phone book
- Multiparty
- DTMF (Dual Tone Multi Frequency)

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:

- TC35 Terminal
- Technical description

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