Cellular Engine TC35 Terminal

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 dualband 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.**

- **Dual-band**
- **EGSM900/GSM1800**
- **Low power consumption**
- **Data,Voice,SMS and Fax**
- **Full type approval GSM phase 2/2+**
- **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**

Plug and play

Small, powerful and easy to integrate

Be inspired

Product features:
- Dual-band EGSM900 and GSM1800
- Compliant to GSM phase 2/2+
- Output power:
  – Class 4 ((2 W)at EGSM900
  – Class 1 ((1W)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 06/2001)
- 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