

# TC35i Terminal

The core of GSM in a box



The TC35i Terminal is a Dual-Band device which has been specially designed for voice and fax communication and applications transmitting a low volume of data. The wireless communications unit is protected by robust industrial housing that also features a series of standard connectors and a SIM cardholder.

Being a standalone device, this plug-and-play solution, comes equipped with standard connectors for power supply, antenna, serial port, and handset.

On account of its focus on GSM communication, and its robust casing, the TC35i Terminal is particularly suited for M2M applications with a low data transfer volume. This makes it a product that can be employed in a wide range of business fields – metering, remote maintenance, transportation and logistics, traffic systems, vending machines, security, and facility management.

Besides this, the TC35i Terminal also comes with a range of approvals permitting its use in conjunction with mobile networks around the globe. Thanks to its full type approval (FTA), you'll be able to keep your certification costs down and consequently lower the total cost of ownership for your application as well!



Dual-Band



FAX Functionality



Not original size

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Not original size

### General features:

- Dual-Band GSM 900/1800 MHz
- 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
- Supply voltage range: 8 ... 30 V
- Temperature range
  - Normal Operation: -20°C to +70°C
  - Restricted Operation: -25°C to +75°C
  - Switch off: +80°C
  - Storage: -40°C to +85°C
- Dimensions: 65 x 74 x 33 mm
- Weight: 130 g

### Specification for CSD data transmission:

- Up to 14.4 kbit/s
- V.110
- Non-transparent mode
- USSD support

### Specification for SMS:

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

### Specification for fax:

- Group 3, class 1, 2

### Specification for voice:

- Triple-rate codec for HR, FR and EFR
- Basic hands-free operation
- Echo cancellation
- Noise reduction

### Special features:

- 7E1-character framing

### Interfaces:

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

### Approvals:

- R&TTE, GCF, e-mark, CE
- Local approvals and network operator certifications

*Global thinking,  
local understanding.*



U.K. ← Football → USA

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### Technical Support

Our application engineers support you from the design-in phase over the integration of the module into the application to the certification process.

### We protect your business

Profit from our strong Intellectual Property Rights position (IPR) – guarded by our legal professionalism you secure the fruits of your business effort.

Our technology portfolio covers → +++ Java™ Open Platform +++ EDGE +++ GPS +++ HSDPA +++