

# MC35i Terminal

GPRS connectivity in a box



The MC35i Terminal offers high level GSM/GPRS features in compact plug-and-play housing with all the standardized interfaces you'll be likely to need. Together with its small size, this makes it easy to integrate into all kinds of machines.

The Dual-Band GPRS Class 8 technology is incorporated into robust housing and includes a range of common interfaces as well as an integrated SIM cardholder. Or put another way, the MC35i Terminal is an all-in-one solution enabling voice, data, SMS and fax communication.

Its robustness, plug-and-play functionality, and state-of-the-art GPRS features make the MC35i Terminal ideal for use in a wide range of M2M business fields, such as metering and remote maintenance, traffic systems, transportation and logistics, security, vending machines, and facility management.

As it also has full type approval (FTA), you can produce a product ready for market launch within a short time – the MC35i Terminal has been approved by major network operators around the world.



Dual-Band



GPRS Class 8



FAX Functionality



Not original size

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Not original size

### General features:

- Dual-Band GSM 900/1800 MHz
- GPRS multi-slot class 8
- 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 GPRS data transmission:

- GPRS class 8: max. 86 kbps (DL)
- Mobile station class B
- PBCCH support
- Coding schemes CS 1-4

### 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

### 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, 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 +++