

SIEMENS

Speed up GPRS integration

Wireless
Modules



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The MC35i Terminal is a robust unit with integrated GPRS and Dual-Band GSM functionality. It allows your products to immediately offer the full benefits of GPRS technology, such as permanent online connections plus cost-efficient, high-speed data transmission. The MC35i Terminal can be used with a wide range of applications, such as:

- Metering
- Fleet management
- Traffic control
- POS terminals
- Vending machines
- Freight tracking
- Security systems
- Remote monitoring

MC35i Terminal

Just plug & play: Accelerate development and implementation by simply plugging the MC35i Terminal into your products. It is backwards-compatible with the MC35 Terminal and offers additional features.

For contacts and further information please visit www.siemens.com/wm

MC35i Terminal – the fastest way to get high-speed wireless voice and data communication

The ultra compact Dual-Band MC35i Terminal has all the right industrial interfaces for GPRS class 8 data, voice, SMS and fax applications. It can be powered by a wide range of voltages. A built-in SIM card reader makes it easy to plug the MC35i Terminal into your applications. We ensure full type approval according to R&TTE and GCF as well as approvals for E-Marking.



Wireless Modules Benefits and hard facts

General features:

- Dual-Band EGSM900 and GSM1800
- 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
- Multiplex RS232 interface
- Power save mode
- Supply voltage range 8...30 V
- Dimensions: 65 x 74 x 33 mm
- Weight: 130 g
- Ambient temperature:
 - 20 °C... +55 °C

Specifications for data transfer:

- GPRS class 8 (up to 85.6 kbps)
- Full PBCCH support
- GPRS mobile station, class B
- CSD up to 14.4 kbps
- USSD
- Non transparent mode
- V.110
- Coding scheme CS1, 2, 3, 4

Specification for fax:

- Group 3, class 1, 2

Specifications for SMS:

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

Specifications for audio:

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

Additional features:

- Phone book
- Multiparty call
- Call diverting
- Real-time clock
- Alarm management
- Several ringing tones
- 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

More about Siemens
Wireless Modules at:
www.siemens.com/wm

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Wireless Modules
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Subject to changes in technology,
design and availability

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