


MC35TS Terminal

GPRS connectivity in a box

The MC35TS Terminal offers high level GSM/GPRS features in compact plug-and-play housing with all the standardized interfaces you will 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 MC35TS 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 MC35TS Terminal ideal for use in a wide range of M2M business fields, such as metering and remote maintenance, traffic system, transportation and logistics, security system, vending machines, and facility management.



The image shows the MC35TS Terminal, a compact white device with an orange label that reads 'MC35TS GPRS ZOGLAB Microsystem Inc.'. To the left of the device are three icons: a radio wave for 'DUAL-BAND', a tower antenna for 'GPRS CLASS 8', and a fax machine for 'FAX FUNCTIONALITY'. To the right of the device is a green circular logo that says 'RoHS & WEEE compliant'. Below the device, the text 'Not original size' is displayed.

General features:

1. Dual-band GSM 900/1800 Mhz
2. GPRS multi-slot class 8
3. Compliant to GSM phase 2/2+
4. Output power:
 - Class 4 (2W) for EGSM900
 - Class 1 (1W) for GSM1800
5. Control via AT commands
6. SIM card compatible 3.3V/1.8V
7. Supply voltage range: 7~24V
8. Temperature range:
 - Normal Operation: -20°C to +70°C
 - Restricted Operation: -25°C to +75°C
 - Switch off: +80°C
 - Storage: -40°C ~ +85°C
9. Dimensions: 115X54X25mm
10. Weight: <200g
11. Accessories:
 - SMA male connect cable
 - Antenna: 900/1800Mhz

Specification for GPRS data transmission:

1. GPRS class 8: max. 85.6 kbps (download)
2. Mobile station class B
3. PBCCH support
4. Coding schemes CS 1-4

Specification for CSD data transmission:

1. Up to 14.4 kbit/s
2. V.110
3. Non-transparent mode
4. USSD support

Specification for SMS:

1. Point-to-point MO and MT
2. SMS cell broadcast
3. Text and PDU mode

Specification for fax:

1. Group 3, class 1, 2

Interfaces:

1. Antenna connector SMA (female)
2. Plug-in power supply
3. Molex SIM card reader
4. V.24/V.28 interface on the DB9 (female) sub-D socket
5. Operating status LED

Approvals:

1. CE, GCF, R&TTE in the core (Siemens MC35i)
2. Local approvals and network operator certifications