



# MC55i Terminal - Preliminary Data Sheet

## MC55i Terminal

### GENERAL FEATURES

- GSM Quad-Band  
850, 900, 1800, 1900 MHz
- 3GPP Release 98
- GPRS multi-slot class 10
- Compliant to GSM phase 2/2+
- Output power:
  - Class 4 (2W) for GSM850
  - Class 4 (2W) for GSM900
  - Class 1 (1W) for GSM1800
  - Class 1 (1W) for GSM1900
- SIM Application Toolkit
- Control via AT commands  
(Hayes, 3GPP TS 27.007 and 27.005)
- TCP/IP stack access via AT commands
- Internet Services TCP server/client, UDP, ICMP, DNS, HTTP, FTP, SMTP, POP3
- Supply voltage range 8 .. 30 V
- Operating temperature: -25°C to +75°C
- Dimensions: 65 x 74 x 33 mm
- Weight 130 g
- RoHS and EuP compliant

### SPECIFICATIONS

- GPRS class 10  
DL: max. 85.6 kbps, UL: max. 42.8 kbps  
Mobile Station Class B
- CSD data transmission  
up to 14.4 kbps, V.110, non-transparent
- USSD support
- SMS text and PDU mode, cell broadcast
- Fax Group 3, class 1 and class 2
- High quality voice support for handset, headset and handsfree operation
- FR, HR, EFR and AMR speech codec support
- Integrated TTY modem

### SPECIAL FEATURES

- Serial interface modem driver for Microsoft® Windows 7™, Windows XP™ and Windows Vista™
- Firmware update via serial interface
- Real time clock with alarm functionality

### INTERFACES

- Antenna connector FME (male)
- Plug-in power supply connector  
(6-pole Western jack)
- Handset analog audio interface  
(4-pole Western jack)
- Mini-SIM card reader, 1.8 V and 3.0 V
- V.24/V.28 RS-232 interface  
(D-Sub 9-pole female socket)
- Operating status LED

### APPROVALS

- CE, RoHS, WEEE, R&TTE, GCF, FCC, PTRCB, IC, e-mark
- Local approvals and network operator certifications