

## MTX-63iLC Terminal

GSM/GPRS Terminal



Powered by CINTERION Wireless  
Module TC63i.

Self-Contained  
Unit

Quad Band GSM

GPRS Class 12

1 RS232 serial  
port

USB port

Integrated  
TCP/IP Stack

### MTX-63iLC TERMINAL

The MTX-63iLC terminal is an intelligent GSM/GPRS terminal that encapsulates everything you need in one compact plug-and-play unit. Its small size, the standardized connector interfaces and its own SIM card reader all minimise the need for further hardware components and facilitate integration.

The MTX-63iLC can operate with AT commands like a normal modem.

The Quad Band functionality allows operation in all relevant GSM frequencies.

The MTX-63iLC has an automatic power restart in case of power faulty conditions.

The USB and RS232 ports allow connectivity to PCs, control boards and other peripherals like GPS, Bluetooth, RFID or other devices.

The MTX-63iLC terminal is an all-in-one solution enabling voice, SMS, fax and data, and GPRS with its powerful TCP-IP stack communication with Internet Services: TCP, UDP, HTTP, FTP, SMTP, POP3.

MTX-63iLC is RoHs & WEEE compliant. It is manufactured with the ISO 9001 & ISO 14001 Quality certifications.

A full list of antennas, cables, supplies and accessories are available.

**General features:**

- Quad-Band GSM 850/900/1800/1900 MHz
- GPRS multi-slot class 12
- GSM release 99
- Output power:
  - Class 4 (2 W) for EGSM850 & EGSM900
  - Class 1 (1 W) for GSM1800 & GSM1900
- Control via AT commands (Hayes 3GPP TS 27.007 and 27.005)
- SIM Application Toolkit (release 99)
- TCP/IP stack access via AT commands
- Internet Services: TCP, UDP, HTTP, FTP, SMTP, POP3
- Supply voltage range: 6 ... 30 V
- Power modes
  - Power down
  - Sleep mode
  - Idle mode
  - Airplane mode
- Temperature range
  - Operation: -25°C to +75°C
  - Storage: -40°C to +85°C
- Dimensions. Excluding connectors: 78.1 x 66.8 x 37.2 mm
- Weight: < 190 g

**Interfaces:**

- FME M 50 Ohm antenna connector
- 9 pin sub-D connector for serial interfaces (ITU-T V.24 protocol)
- USB 2.0 port
- Operating status LED
- SIM card interface 3 V, 1.8 V
- Plug-in power supply

**Specification for GPRS data transmission:**

- GPRS class 12
- 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

*Ordering information: MTX-63iLC: 199.801.115*

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