



HC25T from Netkom is a Tri-Band UMTS/HSDPA and Quad-Band GSM/GPRS/EDGE terminal for the transfer of data, SMS and faxes in GSM networks. A wireless solution for industrial applications.



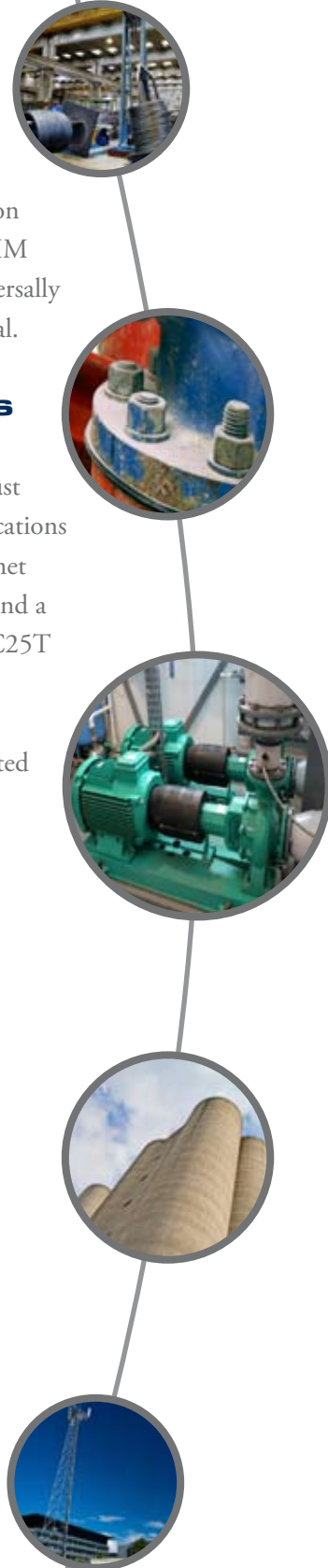
.: HSDPA standard

The 3G modem supports the HSDPA standard and thus permits data transmission rate up to 3,6 Mbps. Packet-oriented data transmission and a permanent on-line connection enable rapid data access and transmission rates. Industrial standard interfaces and an integrated SIM card reader mean it can be used rapidly, easily and universally as a GSM, GPRS, EDGE, UMTS and HSDPA terminal.

.: Implement new applications quickly

The 3G modems performance band width and the robust housing make it easier to quickly implement new applications in areas such as telemetry, telematics and as home internet connection. A SIM card reader, an miniUSB interface and a greater supply voltage range have been added to the HC25T modem.

All the external interfaces of the 3G modem are integrated permantly in the housing. The plug-in connections are standardised and suitable for use under vibration.



General features

Tri-Band UMTS/HSDPA 850/1900/2100 MHz
Quad-Band GSM 850/900/1800/1900 MHz
EDGE (E-GPRS) multi-slot class 10
GPRS multi-slot class 10
UMTS/HSDPA 3GPP release 5
GSM 3GPP release 99
Control via AT commands
SIM application toolkit (release 99)
Aluminium cover
Supply voltage range 8...30 V
Dimensions: width 76, depth 53, height 30 (mm)
Weight 162 g

Output power

Class 4 (2 W) for GSM 850/900
Class 3 (0,25 W) for UMTS/HSDPA
Class E2 (0,5 W) for EDGE 850/900
Class E2 (0,4 W) for EDGE 1800/1900
Class 1 (1 W) for GSM 1800/1900

Specification for HSDPA data transmission

max 3,6 Mbps (DL), max 384 kbps (UL)
UE CAT (1-6), 11, 12 supported
Compressed mode (3GPP TS25.212)

Specification for UMTS data transmission

UMTS max 384 kbps (DL & UL)

Specifications for EDGE data transmission

Class 10 max 237 (DL), 118 (UL) kbps
Mobile station class B
Modulation and coding scheme MCS 1-9

Specification for fax

Group 3, class 1

Certifications

R&TTE, FCC, UL, IC, GCF, PTCRB, CE

Specification for GPRS data transmission

Class 10 max 85,6 (DL) and 42,8 (UL) kbps
Mobile station class B
Full PBCCH support
Coding schemes CS 1-4

Specification for CSD data transmission

GSM CSD data rate 14,4 kbps, v.110
3G UDI data rate 64 kbps, X.31
Non-transparent and transparent mode

Specification for SMS

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

Special features

Multiplex driver for MS Windows XP™ and MS Windows Vista™
NDIS/USB driver for MS Windows XP™ and MS Windows Vista™
Firmware update via USB and serial interface

Interfaces

Antenna connector SMA (female)
Plug-in power supply
Mini-SIM card reader
USB 2.0 full speed (mini USB B)
Operating status LEDs

Package contains

HC25T, 3G modem
USB cable
SMA 3dB antenna
Power supply

