

GSM MODEM

ELS61 LTE TERMINAL

This is easy-to-use penta band LTE modem that enables data, fax and SMS applications. Standard interfaces as well as an integrated nanoSIM card reader shorten installation time significantly. The functionality of the modem corresponds to the features of the SECTRON ELS61 wireless module, supplemented by SIM card.

Features and benefits

- Industrial terminal
- Penta band LTE: Bands 1, 3, 8, 20, 28 (700, 800, 900, 1800, 2100 MHz)
- Dual-Band UMTS/HSPA+: Bands 8, 1 (900, 2100 MHz)
- Dual-Band GSM 900 and 1800 MHz
- Interfaces RS-232, USB 2.0
- NanoSIM



Internet, Metering

Security systems, Remote controlling

POS terminals, Vending machines

Traffic control, Fleet management

LTE

4G

GPRS
12

EDGE
12

USB
2.0

RS
232

General features

Frequencies:

Dual-Band GSM 900 and 1800 MHz
Dual-Band UMTS/HSPA+: Bands 8, 1 (900, 2100 MHz)
Penta band LTE: Bands 1, 3, 8, 20, 28 (700, 800, 900, 1800, 2100 MHz)

SIM Application Toolkit: release 99

TCP/IP stack: access via AT commands

Internet Services: TCP, UDP, HTTP, FTP, SMTP, POP3

Transmission specifications

GPRS: 85.6/ 85.6 kbps
EDGE: 236.8/ 236.8 kbps
LTE: 100/50 Mbps

Interfaces

RF interface: Antenna connector - SMA (f) 50 Ohm
Diversity antenna - SMA (f) 50 Ohm

Data interface: USB 2,0 Full Speed RS-232 (12 Mbit)
device interface

Power interface: 2-pin header
SIM card: SIM card interface 3 V or 1.8 V
Operating status LED

General features

Temperature range: Normal Operation -30 °C to +65 °C
Restricted Operation -40 °C to +75 °C
Switch off +80 °C
Storage -40 °C to +85 °C

Supply voltage range: 8 - 30 V DC

Housing: Robust industrial Aluminium housing

Protection class: IP40

Dimensions: 82 x 54 x 24 mm

Weight: 110 g

Part Numbering

GM-ELS61TU ELS61 LTE Java Terminal USB

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