SECTRON
WIRELESS TECHNOLOGIES

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 SIM 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
- LTE 800~2100 MHz
- LTE 100/50 Mbps
- EDGE 12, GPRS 12
- Interfaces RS-232, USB 2.0

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:	
GSM:	900/1800 MHz
LTE:	800~2100 MHz
GPRS:	multi-slot class 12
EDGE:	multi-slot class 12

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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