

GSM MODEM

PLS8 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 CINTERION PLS 8 wireless module, supplemented by SIM card.

Features and benefits

- Industrial terminal
- LTE 800~2600 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**

General features

Frequencies:

GSM: 900/1800 MHz
UMTS: 900/2100 MHz
LTE: 800~2600 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
UMTS: 348/ 348 kbps
HSPA+: 42/5.76 kbps
LTE: 100/50 Mbps

Interfaces

RF interface: Antenna connector - SMA (f) 50 Ohm
Diversity antenna - SMA (f) 50 Ohm
GPS 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-PLS8T-R2 PLS8 LTE TERMINAL REL.2.1

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