

GSM MODEM

PHS8 HSPA+ Terminal USB

This is easy-to-use dual band GSM/GPRS/EDGE and dual band UMTS/HSPA+ 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 PHS8 wireless module, supplemented by SIM card.

Features and benefits

- Industrial terminal
- GSM 900/1800 MHz
- UMTS 900/2100MHz
- EDGE 12, GPRS 12
- Interfaces RS-232, USB 2.0



- **Internet, Metering**
- **Security systems, Remote controlling**
- **POS terminals, Vending machines**
- **Traffic control, Fleet management**

UMTS

HSPA+

GSM

GPRS
12

EDGE
12

USB
2.0

RS
232

General features

Frequencies:

GSM: 900/1800 MHz
UMTS: 900/2100 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

Compliant to GSM phase 2/2

Transmission specifications

GPRS: 85,6 kbps
EDGE: 236,8 kbps
UMTS: 348 kbps
HSPA+: 14,4/5,76 kbps

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: IP42

Dimensions: 82 x 55 x 24 mm

Weight: 110 g

Part Numbering

GM-PHS8T PHS8 HSPA+ Terminal

SECTRON s. r. o. Czech Republic
Josefa Savla 1271/12 Ostrava - Marianske Hory
Tel.: +420 556 621 000
E-mail: sales@sectron.cz, www.sectron.eu