

# GSM-Modul



- **Optional plug-in module, eliminating the need for a dedicated Carephone**
- **Fast and secure data communication by using GPRS**
- **Easy installing and programming**
- **Can be used as a backup solution to a PSTN connection**

The GSM Module is designed to connect an existing Carephone to a monitoring center via GSM network. The connection is independent of the subscriber's fixed-line network or broadband connection.

## Functions

The GSM Module can easily be programmed with the existing programming features of a Carephone:

- directly on the Carephone's integrated keyboard
- by reading parameters from a microSD card
- remotely from a monitoring center
- by the Configuration Manager with a serial connection.

A test of the signal strength can easily be carried out. The GSM Module allows using GPRS for data communication with the RBIP protocol. Additional features are auto-reconnection and notification in case of a communication failure. The GSM Module is equipped with an LED, which indicates the status of the device or if there is a failure.

## Parts included

Quantity	Component
1	GSM Module
1	Rechargeable battery
1	Antenna with cable
1	Installer manual

## Technical specifications

Dimensions (H x W x D)	95 x 50 x 15 mm
Weight	Approximately 55 g
Operating temperature	+5°C to +40°C
Storage temperature	-20°C to +60°C
Relative humidity	Maximum 93%
Cellular network	2G dual band 900/1800 MHz
Power input range	4,3 V to 7 V, provided by the Carephone
Average current consumption by a Carephone using the GSM Module	<ul style="list-style-type: none"> <li>• in normal power mode: 150 mA</li> <li>• in power save mode: 8 mA</li> <li>• in idle mode: 150 µA</li> </ul>
Onboard battery	Li-ion battery 3.7 V / 1.2 Ah
Transmission	< 2 W
Sensitivity	108 dBm at 900 MHz 107 dBm at 1800 MHz
Noise	< 60 dBA
Stability	< 2.5 ppm
Antenna cable length	4 m

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