

Technical details

You can now use the best of both worlds:

the features of a dedicated line handset and the service benefits of the GSM-network.
The Euroset GSM CLL Phone for Talk & Surf.



Accessories

Backup battery

(minimum 2 h talk time, 12 h stand-by)



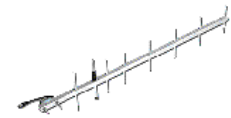
Euroset Data Suite

offers a RS232 interface for (GPRS) Data and PC-Fax



External antennas

you can use if there is a weak signal at your location



SMS Remote Controller

with the SMS Remote Controller you can use the Euroset GSM for alert and remote control functions.



Smart Home applications



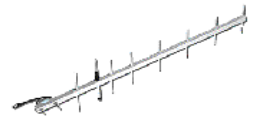
Break-in Sensors:

If a window or door contact is activated, the SMS RC sends a SMS and alerts you!

Switches can be activated *remotly* by SMS for the lights, heating etc.



PC/Notebook



Ext. Antenna



SMS Remote Controller

or



Euroset GSM



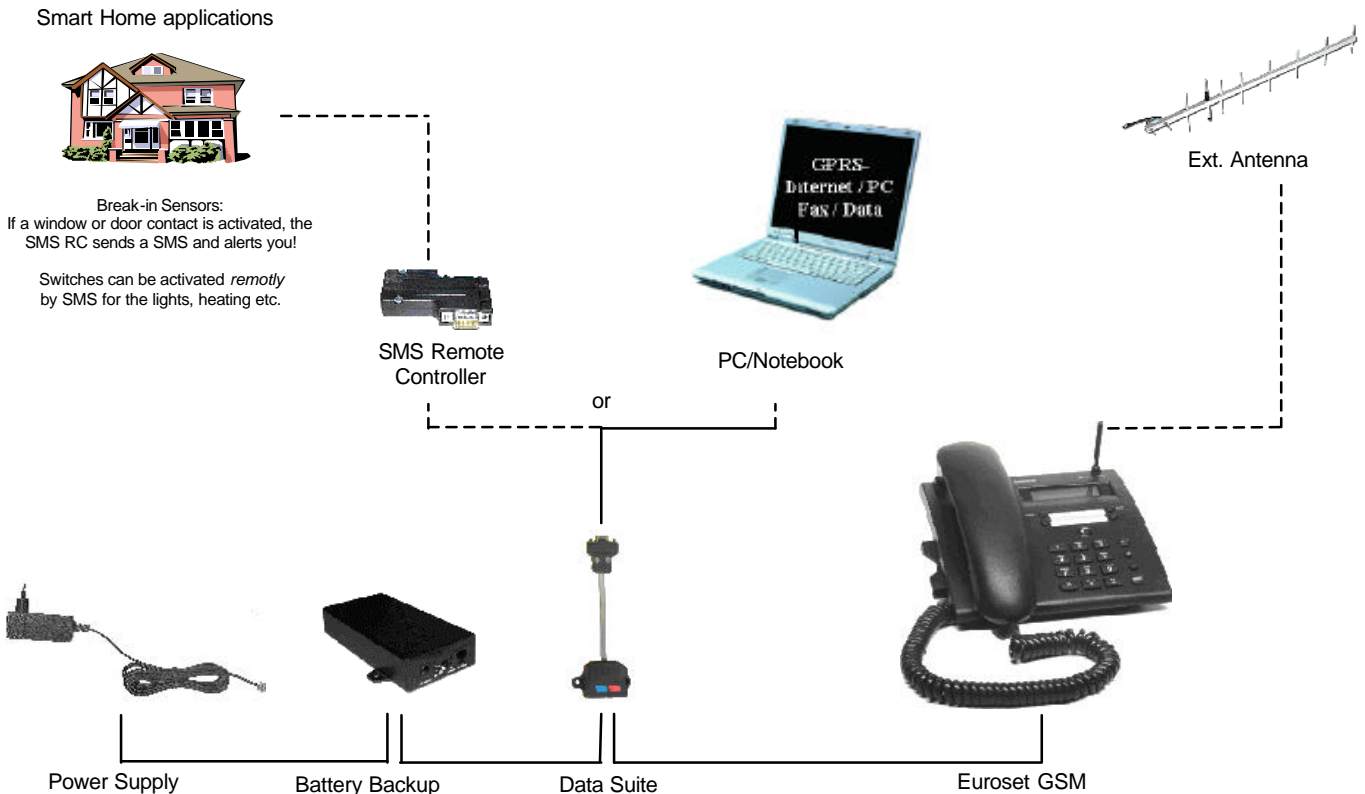
Power Supply



Battery Backup



Data Suite



Technical data:

Telephony:

Speaker phone
 Numeric keyboard (12 keys)
 Dial ToneDual Tone Multi Frequency function (DTMF)
 Normal dialling
 Short dialling with 4 short-dial keys
 Redialling
 Hands free operation
 Echo cancellation
 Noise reduction
 ME-SIM lock
 Service Dialling Numbers
 Emergency Calls capabilities

SMS:

Short Message Service MT / MO

Features displayed on LCD Display:

Calling number (CLIP)
 Service Provider Indication
 Network signal strength
 Number dialled
 SMS Memory
 New SMS
 Short Message Overflow
 Settings and parameters

Very easy changing of settings via easy menu:

Language
 Ring tone type
 Ring tone volume
 Free hand Volume
 Handset Volume
 Network set up
 Network password
 Dial time
 Number presentation
 Change PIN
 Use PIN
 Key click
 Factory settings
 Call forward
 Net lock
 SMSC Number

Ringling tones:

7 different ringing tones / melodies,

Power:

Primarily supply voltage 100–240V
 DC operating voltage 9 V
 Reverse polarity protection
 Over-voltage protection – 50VDC

Frequency bands:

Tri-band EGSM 900, GSM 1800, GSM 1900
 or EGSM 850, GSM 1800, GSM 1900
 Compliant to GSM Phase 2/2+

Transmit power:

Class 4 (2W) at EGSM850/900
 Class 1 (1W) at GSM1800 and GSM 1900

GPRS connectivity:

GPRS multi-slot class 10
 GPRS mobile station class B

Temperature control and auto switch-off:

Constant temperature control prevents damage from the module when the specified temperature is exceeded.

GPRS

GPRS data downlink transfer: max. 85.6 kbps
 GPRS data uplink transfer: max. 21.4 kbps
 Coding scheme: CS-1, CS-2, CS-3 and CS-4 supports the two protocols PAP (Password Authentication Protocol) and CHAP (Challenge Handshake Authentication Protocol) commonly used for PPP connections.
 Support of Packet Switched Broadcast Control Channel (PBCCH) allows you to benefit from enhanced GPRS performance when offered by the network operators.

CSD:

CSD transmission rates: 2.4, 4.8, 9.6, 14.4 kbps, non-transparent, V.110
 Unstructured Supplementary Services Data (USSD) support

SMS storage:

SIM card plus 25 SMS locations in the equipment

FAX:

Group 3: Class 1, Class 2

SIM interface:

Supported SIM card: 3V

Antenna:

Snap-on whip antenna
 External antenna connector 50 Ohm SSMB

Speech codec:

Half Rate (ETS 06.20)
 Full Rate (ETS 06.10)
 Enhanced Full Rate (ETS 06.50 / 06.60 / 06.80)
 Adaptive Multi Rate (AMR)

serial interface:

RS-232 (with Data Suite)
 Autobauding detects 1200, 2400, 4800, 9600, 19200, 38400, 57600, 115200, 230400 bps

SIM Application Toolkit:

Supports SAT class 3, GSM 11.14 Release 98



Zu beziehen über :

www.oppermann-telekom.de

Jan Oppermann
Hauptstraße 34a
D-06507 Friedrichsbrunn/Harz

Telefon :
039487-552

Fax :
039487-236