SAGEM
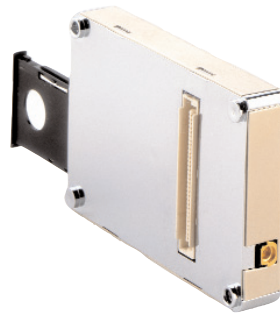# MOD170
MOD190

GPRS Modem for industrial applications, telemetry, security systems and industry

GPRS class 8 (4+1) with PBCCH support
Voice and Data support
Extended AT commands
RS232 serial link
Easy integration
Plug and play

Add wireless features to your devices with Sagem MOD170/MOD190!

No matter if you do not know about wireless, MOD170/MOD190 will add the high speed GPRS data functionalities to your devices in a quick and smart way.

This modem constitues a self-contained, fully integrated implementation of the GSM/GPRS standard.
Thanks to standard interfaces, it can be integrated into any systems which offers unlimited assets.

Therefore your security system, telemetry, tracking system, vending machines will enter the wireless world in an instant... you will save time and money, and create a whole range of new services.

Besides with its end-user package, MOD170/MOD190 can be easily connected to your PC and help you browse the internet on the move.

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Marketing features

Tiny size
Built-in enhanced functionalities
Advanced GPRS capabilities class 8 (up to 56 kbps)
Triple band and interoperable all over the world
Benefit of the know-how and large production capacity of a world class mobile phone maker
Fully Shielded and ready-to-use

General features

Tiny form factors : 60 x 40 x 10 mm
Light weight : 35g
Volume: 24 cm³
Triple band EGSM900 / DCS1800 / PCS1900
Class 4 (2W) for EGSM900
Class 1 (1W) for DCS1800 / PCS1900
Power supply 5 VDC +/- 5%
Standby mode : 2.5 mA (typ)
ETSI GSM Phase 2+Type Approved
FTA approved
Data : CSD, SMS, Fax, GPRS Multi-slot class 8 (4+1), PBCCH and ciphering support, class B terminal
Audio capabilities (only for MOD190)
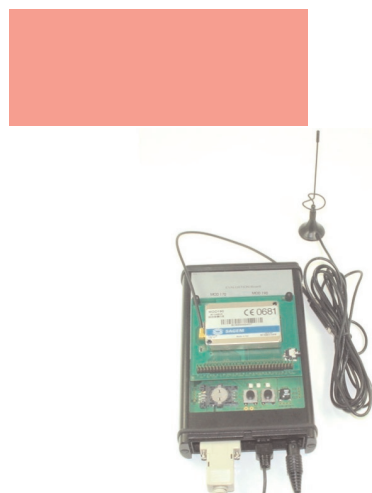Remote control by AT commands

Packaging

Mounting holes for fixing
Shock resistant package
RF shielded package
Operating temperature range at least -20/+55°C
Storage temperature range at least -40/+85°C

Interface

MMCX antenna connector
60-pin connector including RS232 serial link
Internal 3V SIM card reader
Mounting: 2 screw holes

The MOD170/MOD190 evaluation board is optional. It can be ordered from SAGEM S.A or directly from your distributor.

Documentation

Modem booklet
User's guide
List of supported AT commands (MO170/ MO190)

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