

# **SAGEM RT 30F**

**Wireless Local Loop  
Terminal**



Reliable line interface to PSTN  
through GSM network



**SAGEM**  
Technology in Action



## SAGEM RT 30F

A ruggedized design allows the **SAGEM RT 30F** terminal to operate in harsh environments (range of temperature, lack of main power, ...).

The **SAGEM RT 30F** provides access to the PSTN through a GSM radio network for different types of terminals:

- analog telephones for wireline networks
- analog fax machines
- digital terminals (such PC, digital fax,...)

### APPLICATIONS

**SAGEM RT 30F** provides network operators with a competitive solution for fast telephone service provision to urban and rural area subscribers.

This is especially true :

- In networks where wired line telephones are difficult to deploy.
- In urban areas where operators are interested in offering new services to customers in order to increase market penetration.

### BENEFITS

- Fast service implementation
- No necessity to install a fixed wireline network
- Ability to provide service in every type of environment (dense urban and rural areas)
- Access to GSM network services (SMS, mailboxes and e-mail)
- Design in perfect harmony with different environments (home, offices...)

### SPECIFICATIONS

#### GSM FEATURES:

- Dual band 900 - 1800 MHz (2W-1W)
- Mono band 1900 MHz (1W)
- FR and EFR
- CLIP
- Call waiting
- Multi party call
- Call forwarding
- Voice Mail access
- Micro SIM card

#### DATA/FAX FEATURES:

- Analog G3 fax: 9600 bps
- Digital fax and data: 9600 bps

#### DIMENSIONS:

- 210 x 145 x 65 mm
- Weight: <1 kg
- Environment:  
Operation Temperature range: 0°C to 40°C

#### TELEPHONE FEATURES

- Standard telephone supported on RJ-11-1  
SLIC functions:
  - Off-Hook; On-Hook detection
  - DTMF control
  - Tone generator
  - Ring generator (up to three pots)

#### INTERFACE

- LEDs:
  - Network / status
  - Line status
- Antenna:
  - Local (included)
  - External (option)
- Power supply:
  - Voltage: 220-240 VAC or 110 VAC
  - Frequency: 50/60 Hz
  - Battery back-up:
    - 1 hour communication; 6 hours stand-by
- Connectors:
  - RJ11-1: Telephone
  - RJ11-2: Analog fax (G3)
  - RS 232: data
  - External antenna

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#### YOUR CONTACT:

## SAGEM SA Networks and Optics Division

Phone +33 1 53 23 18 93  
Fax +33 1 58 12 42 96  
www.sagem.com

Head office: Le Ponant de Paris  
27, rue Leblanc

75512 PARIS CEDEX 15 - FRANCE

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