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commerce
retail
Stores
cartes
de paiement

25 years
of electronic
transactions

SAGEM Monetel



EFT930-G

**GSM/GPRS
mobile payment
terminal**

- Risc 32 bit
- EMV
- SECURITY
- GSM/GPRS
- e-purse
- USB
- IP

*Electronic payment made easy
with GSM/GPRS*



Sagem Monetel
SAFRAN Group



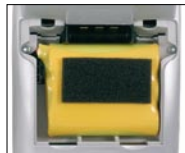
Printer



Magnetic card



Smart card



Rechargeable batteries



SD card



SIM card



USB connectors

EFT930-G

Electronic payment made easy with GSM/GPRS

The mobile EFT930-G can process payment transactions at a reduced communication cost and in record time in almost any place. Based on Telium® technology, the terminal combines power, high security and outstanding communication capacity (GSM, GPRS or PSTN).

A fast and user-friendly terminal

With the EFT930-G, all transactions are carried out in front of the cardholder. It connects to the server centre directly via its wireless link when calling for authorisation requests, on-line payments, etc. Sagem Monetel has designed the terminal with unequalled computing power (ARM9 Risc 32-bit processor) and an ultra-fast printer (15 l/s) to make transactions as quick as possible.

Ergonomics that make a difference

The EFT930-G's light weight (less than 480g) means it is both easy to use and handle and fits snugly in the palm of the user's hand. The smart card reader is easily accessible, and the magnetic stripe card reader—located lengthwise on the unit—ensures high-quality readings. The large backlit display guides the user. Its wide keypad and navigation pad make entering information easy.

Security

Based on Telium® technology, the EFT930-G can be adapted to all national and international security regulations. It is certified PED PCI in both off-line and on-line mode. Lastly, its Risc 32-bit security coprocessor ensures confidential pin entry and processing of security algorithms (DES, 3DES, RSA).

Performance and savings with GPRS

With GPRS, the EFT930-G operates in IP mode and is constantly on-line. It can obtain a banking authorisation in few seconds, saving precious time for both shopkeepers and their customers. In addition, as GPRS use is generally paid for by a set fee, the cost of electronic payment transmission is reduced.

Technology for today and tomorrow

The EFT930-G is engineered to adapt to changes in payment systems: It has a large memory capacity (16 + 8MB), three SAM (Security Access Module) readers and an optional SDCard or MMC reader.

Performance and savings with GPRS

The terminal also benefits from the Telium® environment. Numerous C language applications compatible with the entire Telium® range can be developed by using the SDK Telium® development station. Moreover, numerous IP tools facilitate developments (TCP/IP, DHCP, etc) that in turn make the use of GPRS transmission easier. Developers also have numerous modules (e.g. ISO 8583, SPDH, EMV level 2 module, etc) at their disposition.



Technical characteristics

EFT930-G

- RISC 32 bit ARM9 (200 Mips) microprocessor
- Security:
 - 32 bit security coprocessor (DES, 3 DES, MK/SK, DUKPT, RSA,...)
 - PED PCI certified
- Memory: FLASH 16MB; SDRAM 8MB
- Variable frequency EMV smart card reader
- Three SAM (Security Access Module) readers +1 SIM
- Magnetic reader: tracks 1, 2
- Graphic backlit display: 128 x 64 pixels
- Backlit keypad: 16 keys, 3 of which are colour
- Functional backlit pad: 6 keys
- Thermal printing: 15 L/S—"Easy loading"
- Ticket: 58 mm - Roll: Ø 40 mm
- Buzzer
- Communication: GPRS/GSM (900, 1800, 1900)
- Batteries NiMH: 180 trans. typical / standby 200h (GPRS)
- Terminal connections: USB slave + USB master
- Dimensions and weight: 79x180x57mm/circa 475g.

Terminal options

- Magnetic reader: tracks 1, 2, 3
- Second smart card reader
- MMC or SDCard connector.

DS930 PM base

- V22/V22bis/V32bis modem
- Simplified RS-232C serial link
- Battery charger: 110-230 volts.

DS930 C

- Battery charger: 110-230 volts.

TC930 travel charger

- 110-230 volts.

Software

- Development station and associated modules: SDK Telium®
- Terminal Management System: TMS Telium®.

N.B. The EFT930-G does not include the GSM/GPRS subscription from telecoms operators. Its use is subject to radio network coverage and the conditions for accessing banking servers.



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