

Xi-Max

A versatile and nomadic terminal



> **A flexible and economic nomadic terminal**

- Xi-Max is a programmable smart card terminal, designed for nomadic utilization. It is capable of running applications that demand a high level of security, and is the ideal solution for itinerant use.
- Xi-Max is available in both single-slot and dual-slot versions, the former for use with an ISO format smart card and the latter for the insertion of a second card in either ISO or SIM format. This means that the applications developer can choose to use the device for reading the data from a card or for securing a transaction with a cardholder.

> **For a variety of applications**

- In the world of payments, merchants use Xi-Max to accept electronic purse payments, or to accept meal vouchers.
- In administrative applications, Xi-Max can be used to provide a secure environment for reading and collecting data during the day, and centralizing it at the end of the period.
- In the health-care field, Xi-Max is used by doctors and medical auxiliaries to sign electronic medical claim forms when visiting their patients.
- In the world of services to the individual, Xi-Max is an ideal tool for checking the access rights of a person and providing him/her with the corresponding services.
- In transport, Xi-Max is used by inspectors to check the validity of travel vouchers stored on smart cards.
- It is also a very suitable solution for corporate applications. For example, a smart card can be updated every morning to carry sensitive information (list of prices and discounts, product configurations, stocks). In this way, the salesperson can make an immediate offer thanks to his/her Xi-Max.

> **A cost-effective solution for demanding operators**

- Xi-Max is definitely the most economical terminal in its range. It has been designed for demanding applications in which a large number of nomadic terminals are to be deployed.
- The on-board application is developed in C, using the Xi-Studio development environment, which offers excellent programming flexibility.
- The screen, which can display two or three lines, guides the user and therefore simplifies operation.
- Security, which is integrally taken into account in the software and hardware architecture, enables the applications developer to use one or two smart cards as necessary.
- The real-time clock system enables each transaction to be dated, and therefore simplifies all subsequent collection and processing operations.

> **A communication solution for each situation**

- For connection to a PC, two versions are proposed: RS232 serial or USB.
- Xi-Max can also be connected to a telephone network (V32bis modem) or to an Ethernet network, and can therefore dialogue directly with a network server (local or remote).

> **Technical specifications**

Smart card interface	One ISO format card and one SIM or ISO format card ISO 7816 (T=0 or T=1), EMV
Program / data memories	1MB / 1MB
Screen	2 lines of 16 alphanumerical characters, or 3 lines of 12 alphanumerical characters
Keypad	21 keys
Real-time clock	Battery-backed
Communications	PC: RS 232 serial or USB External V32bis modem or Ethernet TCP/IP stack
Electrical power supply	Nomadic use: 2 AAA type batteries Connected to a PC: via the RS232 connection and PS2 multiple adapter, or via the USB port
Dimensions	125 x 75 x 15 mm
Weight	120 grams with batteries
Standards	CE, EN 60950, EN 50082-1, EN 55022 cl. B

www.xiring.com

RIVER SEINE
25, QUAI GALLIENI
92158 SURESNES - FRANCE
TEL. : +33 (0)1 46 25 80 80
FAX : + 33 (0)1 46 25 80 20

Distributor



XIRING®

Bring your smart cards to life !