

Smart Card Token

Cryptoidentity

Cryptoidentity is a Smart Card in USB key format, aimed at those who need a user-friendly security device, for meeting needs related to strong authentication and digital signature.

- ▶ **Microsoft Smart Card logon**
- ▶ **Digital signature also by law**
- ▶ **PDF File protection with Acrobat**
- ▶ **Encryption and signature of email messages with Outlook and Lotus Notes 6**
- ▶ **Web, VPN and wireless authentication**

These are just some of the needs that Cryptoidentity can meet, thanks to its integration with all applications that contemplate using Smart Card-based security devices.

Technical specifications:

- **Resident memory:** from 32KB up to 64KB
- **Cryptography:** 1024/2048 RSA encryption algorithm
- **Standard:** ISO 7816 3-4, PKCS#11 v2.11, PC/SC, Microsoft CAPI, S/MIME, IPSec/IKE, X.509 v3
- **Certifications:** ITSEC E4 high (only for Cryptoidentity ITSEC model), IEC60529 IP67 (water, shock and dust resistant)
- **Security:** SO and user PIN, signature and on board generation of cryptographic keys
- **Supported operating systems:** Microsoft Windows 98/ME/NT4/2000/XP
- **Interface:** USB 1.1 - compatible 2.0

CryptoCombo

CryptoCombo is a USB key based on the same technology as Cryptoidentity; it differs from the above just for an increase of **memory up to 512MB**, which makes it a unique security device.

- ▶ **A Smart Card in USB format with memory**
- ▶ **A device that does not require any readers or CD-ROM support**
- ▶ **Absolutely standing out usability levels**

CryptoCombo's Smart Card functions are the same as Cryptoidentity's; the device memory is immediately accessible on Windows 2000 and XP operating systems; it can be used for data and application transfer.

Technical specifications:

- **Smart Card component features:** analogous to Cryptoidentity

CAPACITY: •64MB •128MB •256MB •512MB

www.cryptoidentity.eutron.com



www.cryptocombo.eutron.com



Security Suite

SecIdentity

SecIdentity is a "turnkey" solution that combines the technology of Cryptoidentity keys with a collection of application modules designed for protecting information.

- ▶ **USB key + security applications**

The SecIdentity suite is a modular solution: the complete version of all available modules adds digital signature and mail security functions to the cryptographic and PC-access protection functions.

Technical specifications:

- **USB key features:** analogous to those of Cryptoidentity (mod. Cryptoidentity 5)
 - **Supported operating systems:** Microsoft Windows 98/ME/NT(SP6)/2000(SP3 or higher) /XP(SP1 or higher) (1)
- (1) Notes: the solution for logon protection is supported by Windows NT4, 2000 and XP operating systems only.

www.secidentity.eutron.com



Web Authentication

WebIdentitywww.webidentity.eutron.com

WebIdentity is the hardware-key-based system that, after being plugged into the USB port of a PC, enables to recognize the user of a Web-based application in total safety; it also allows to carry out protected and encrypted transactions on Internet, Intranet and Extranet networks.

- ▶ **Safe Web**
- ▶ **Cryptography on the Internet networks**
- ▶ **Absolutely standing out usability levels**

WebIdentity simply and functionally solves all problems connected with management and replicability of user-name and password-based systems; it can be integrated with all main web-servers.

Technical specifications:

- Conformity with USB (Universal Serial Bus) v. 1.1 specifications – USB 2.0 compatibility
- Unique serial code for each key ● It uses a 8-bit RISC, 12 MHz microprocessor
- Memory available for applications: about 8 Kbyte ● Self-powered: it needs neither internal batteries nor external power supplies..
- Cryptography algorithms: triple-DES on board (one-way) / 256-bit blowfish for client-server communications



Smart Card Readers

www.eutron.com/infosecurity/simpocket.asp**SIM Pocket****SIM Pocket**
COMBO

SIMPocket is an innovatory Smart Card reader in USB key format, combining the following functions:

- ▶ **Smart Card reader**
- ▶ **Sim Card reader**
- ▶ **Up to 512MB flash memory**

SIMPocket's compact size make it a pocket device capable of meeting the more and more urgent mobility needs in the transport of authentication credentials, confidential data and applications by using a single object.

Technical specifications:

- USB Specs. 1.1, 2.0 compatible
- LED: Green/Orange light (power supply and flash memory access indicator)
- Red/Green light (power supply and reader access indicator)
- Card power supply: 60 mA ● USB Bus (4.5V-5.5V) feed ● Dimensions: 94x34x12mm
- Card access transfer rate: with a PC: UHCI 64Kbit/sec, OHCI 1 Mbit/sec, by card: 9600 - 115200 Baud

CAPACITY: •64MB •128MB •256MB •512MB

www.eutron.com/infosecurity/pocket.asp**Pocket Reader**

- ▶ **Smart Card reader**
- ▶ **Extremely compact size**
- ▶ **Elegant and practical**

Pocket Reader

is an extremely compact Smart Card reader, an expression of the best Italian design at the service of IT technology; it has been awarded the SMAU Industrial Design 2001 prize.

Technical specifications:

- Connection: USB (Universal Serial Bus); ● Power supply: USB;
- Card power supply: 60 mA; ● Status indicator: LED;
- Transmission speed (depending on card): by PC: UHCI 64Kbit/sec, OHCI 1 Mbit/sec, by card: 9600 - 115200 Baud
- Dimensions: 75 x 18 x 15 mm

