

mLock Smart X1 Brochure

Features and Physical Characteristic



- Built-in smart card chip which can prevent hardware copy, brute force intrusion
- Driverless, Plug and Play
- 20K Mass Storage, High Performance and Diversified Data Storage
- 64 Page Data Area with encryption protect and access control
- Usage control and model control enables setting various software security strategy
- Remote Upgrade and Authorization
- High Level Shell Encryption
- Hierarchical Access Control
- On-board Encryption Algorithm
- Support various programming languages
- Standard and MINI casing optional
- Low cost with high efficiency

Smart X1 is a high-performance smart-card based software protection dongle with on-board 3DES algorithm. This high-strength device is easy to integrate and help developers make comprehensive protection strategy. It has built-in 20KB data storage area, which is composed of mass storage area and 64 controllable data pages. Additionally, each page contains five useful properties: Enable, Read Only, Access PIN, 3DES Key Encryption and Max Access Number.

These functions can help developer flexible implement complex protection strategy, not only just verify few data in a same storage area. Meanwhile developers are opened to different options such as software trail, software leasing, and software licensing .etc.

System Requirements

Support OS



Software Interfaces

C#, C/C++, Delphi, Java, PB, VB, VC, VS, NET, .etc.

Physical Characteristics

Hardware Certification



Hardware System

- High Performance Smartcard Processor
- 32Bit Global Unique Series Number
- 64Bytes Memory Space
- 20K Storage Space
- Support Communication Encryption
- Support 3DES Cryptographic Algorithm

Physical Resistance

Temper evident. Test error three times, automatic protection

USB Connection

USB 2.0/USB 3.0

Write Cycles (EEPROM/Flash)

At least 100,000

Read Times

No limitation

Working Power

100mw (Max.)

Humidity

0~90% (Without Condensation)

Operating Temperature

0℃~70℃

Storing Temperature

-20℃~80℃

Dimensions

55mm*16.6mm*7mm

Weight

7g

Casing Material

ABS

Shell Color

Red, Green, Blue, Purple

Data Retention

At Least 10 Years

ADDRESS

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