

mLock Smart UDisk Brochure

Features and Physical Characteristic

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- Built-in 32bit smart card chip which is primarily used in banking industry
- High speed device with Non-Drive, Plug and Play
- Unique 32bit hardware ID
- Up to 1024bytes Memory Storage
- Flexible partition: Flash Disk, Safe Flash Disk, Hidden Disk, CD Drive
- Limit software executes in disk only
- Support remote reset password
- Resist virus attacks and conceal sensitive data
- Two factor authentication, dynamic password prevents compiling
- On-board encryption algorithm
- Support various programming languages
- Specially for high-volume data software protection
- Default 4G space, optional bigger space as well (Maximum 32G)

Smart UDisk is a smart card USB device which is the perfect combination of Flash Disk and Dongle. It supports mass storage that can be flexible partition or disable the disk option; it has built-in software bound function which supports limited software running in UDisk, that is, copied software cannot run or be used. In this case, developer can protect their software security.

UDisk has a special area called "Hidden Disk" which provides hidden file system, especially used in software access, and critical data storage. It maximizes the security of data protection. This feature is also virus resistant where the encrypted data in the Hidden area is not prone to virus attacks and is fully protected.

System Requirements

Support OS



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

Hardware Certification



Hardware System

- 32-Bit High Performance Smartcard chip
- Unique Hardware Serial Number
- 1024Bytes Memory Space
- 4G-32G Flash Memory
- Support Communication Encryption
- Support 3DES Cryptographic Algorithm

Physical Resistance

Temper evident. Test error 15 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

300mw (Max.)

Humidity

0~90% (Without Condensation)

Operating Temperature

0℃~70℃

Storing Temperature

-20℃~80℃

Dimensions

63mm*17mm*7mm

Weight

11g

Casing Material

Metal

Data Retention

At Least 10 Years

Shell Color

Silver, Blue