



DISKENCRIPTOR PRODUCT DATASHEET



KERNSAFE
Secure Storage Solution

INTRODUCTION

KernSafe is global leader in storage virtualization and data security solutions from desktop to the data center. Our costumers vary from individuals, through middle size firms and finishing at big multinational companies. We are dedicated to produce the highest quality software possible and, at the same time, provide the outstanding customer support. As one of the fastest-growing public software organizations, KernSafe is producing software that is easy to use but can also benefit in professional solutions.

DISKENCRIPTOR OVERVIEW

A transparent (on-the-fly) disk/cd encryption system, which combines with AES 256-bit encryption. Disk Encryptor can make a disk partition encrypted on the Windows system. After encryption, all the operation for this encrypted disk is the same as a normal disk, when read and write, the decryption and encryption is running transparently in background.

DiskEncryptor doesn't allow you to read and write the right data on the disk partition until the disk is unlocked with the correct password.

You can use the following three ways to protect your personal data:

- Encrypt system whole disk or partition directly.
- Create a certain capacity encrypted virtual disks/cds to hold some files.
- Using DiskEncryptor as a virtual disk and cdrom emulator.
- Encrypt the CD/DVD images and save your private data in .iso files or CD/DVD.

WHAT INETDISK CAN DO FOR YOUR BENEFIT:

DiskEncryptor can not only encrypt whole drives and partitions with strongest AES 256-bit encryption but also encrypt CD to assure all of your private data will be secure at all times and inaccessible for anyone without proper password.

Using the traditional disk encryption software, after the disk partition encrypted, all the data on this disk partition is inaccessible, you must decrypt the whole disk partition. Compared with:

- Easy to use, use the encrypted disk partition as easy as his/her normal disks.
- By with the 256 bit AES, supports high security level data protection.
- Support all Windows File System
- Support storage capacity as big as your windows system.
- Even if the password you input was incorrect, the data will not be destroyed.

DISKENCRIPTOR REQUIREMENTS

Software requires:

- Microsoft Windows 2000 or above, 32bit and 64bit (AMD64, EM64T and IA64)

Hardware requires:

- 750 MHz Intel Pentium III class processor
- 256 MB of RAM
- 30 MB of disk space for application data

DISKENCRIPTOR FULL FEATURE LIST

- Support almost all kind of Removable, Fixed storage drive, Memory Card and floppy disk.
- Support for encrypt cd/dvd image(.iso) for mount to virtual cdrom or burn to cd/dvd.
- Support for private virtual disk and CD/DVD emulation.
- Support for private virtual disk encryption and virtual CD/DVD encryption.
- Using 256 bit AES arithmetic, support high security level.
- Encrypt disk partition directly, after encrypted, if someone take it, but he/she have no password or not install this software, the partition can't be accessed by any case.
- When insert a encrypted disk, a dialog will show automatically to tell you input your password of the disk.
- Even if lots of data in the disk is encrypted, this data will exist all the same after encryption.
- Run as a windows service, DiskEncryptor can working on a normal user account.
- Display encrypted or decrypted icon on encrypted drive in explorer.
- Integrated with windows explorer, you can lock drive or unlock drive by password.
- Support for the newest windows system - WINDOWS 7.
- Support for AMD64 and intel EM64T computer.

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Product Page: <http://www.kernsafe.com/product/diskencryptor.aspx>

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