

DiskCrypt M10



Move Data Securely with Confidence

DiskCrypt M10 is the Ultra-Slim Encrypted Data Storage with Two-Factor Authentication smart card protection designed to increase your mobility, security and style. It provides real-time hardware encryption for data protection and smart card technology for authentication, effectively doubling your security on the go.

Easy to use, it requires no software installation and runs independently of operating systems. DiskCrypt M10 comes in the size of a credit card and an exciting range of colours to suit your personality and wardrobe, while providing the ultimate protection and mobility for your data.

Key Features

Enhanced Storage Security

- Enhanced data security with encryption key stored separately in a smart card
- Hardware defined data-at-rest protection and high security with 2FA smart card (FIPS and CC certified)

High Performance

- USB 3.1/SATAIII interfaces provide high performance information transfer

Customisable Storage Capacity

- Options ranging from 32GB - 512GB

Ergonomic Design and Exciting Colors

- Ultra-slim credit card size with choice of 6 vibrant colours

Ease of Use

- Simply insert smart card and enter PIN to access information
- Requires no software installation and runs on independent operating system

Use Cases:

1. Secure portable storage/back-up

DiskCrypt M10 ensures that all the data stored (or backed up) on the SSD is fully encrypted and safe from the prying eyes. What's more, the smart cards (containing the encryption key) as well as the correct PIN are both required to unlock the data, giving you the ultimate level of protection yet ease of use.

2. Booting an operating system from DiskCrypt M10

An operating system such as Linux can be installed on DiskCrypt M10 to allow the user to carry a "portable OS". This also means your operating system is fully encrypted. Of course, both the host machine and the operating system must support booting from a USB device in the first place. Approach your OS vendor to advise.

Specifications

Bus Interface	USB 3.1
Physical	USB 3.1 Type C Receptacle Smart card slot M.2 SATA Interface (Internal)
Solid State Drive	M.2 SSD (2242 form factor and max. height of 3.6mm)
Dimensions	92mm (L) x 59mm (W) x 9mm (H)
Power	5V, approximately 50mA (excluding the power drawn by the SSD) 5V, maximum 800mA (including the power drawn by the SSD)
Authentication	Supports two-factor authentication via smart card and PIN
Smart Card	Supports FIPS 140-2 level 3 and Common Criteria EAL 5+ certified smartcard
Encryption	AES hardware cipher engine Supported key strengths: 256 bits
Key Management	User-configurable smart card PIN Admin password for administrative mode
Operating Systems	Operating System independent Tested with Windows XP, Windows 7, Windows 8, Windows 10, Linux, Mac OS