Features and Physical Characteristics

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- Driverless, Plug and Play

- 64K safe data storage used to store certificates, keys and sensitive data

- Flexible partition: Flash Disk, Safe Flash Disk, Hidden Disk, CD Drive

- Suitable for all E-Cert applications (SSL, secure email .etc.)

- Resist virus attacks and conceal sensitive data

- Support remote reset password

- Support standard Microsoft CAPI and PKCS#11

- Support standard PKCS#12 and X509 v3 certificate

- Auto-run website prevents phishing and virus attacks

mToken Ukey is a smart card based hardware device which is the perfect combination of Flash Disk and Token, it supports mass storage that can be flexibly partitioned or disabled. Ukey supports standard PKI application based on Microsoft CAPI and PKCS#11, it uses the international encryption algorithm to realize the network security such as email encryption, digital signature, identity authentication, key security management and dispatcher transmission .etc. These security functions ensure user's identity authentication / recognition and information encryption service.

System Requirements	
Support OS	
Product Features	
Cryptographic APIs	• PKCS#11 v2.2 • Microsoft CryptoAPI (CAPI) • ISO7816 Compliant
Cryptographic Algorithms	※ RSA 1024/2048 Bit ※ DES, 3DES, AES ※ SHA-1, SHA-256, SHA-384, SHA-512, MD5
Cryptographic Functions	• Onboard Random Number Generator • Hardware-Secured Key Management and Storage • X.509 v3 Certificate Storage, SSL v3, IPSec/IKE • Onboard Digital Signing and Verification • Onboard Data Hashing
Physical Characteristics	
Hardware Certification	CE FC
Hardware System	• 32-Bit High Performance Smartcard Processor • 64K User Memory (96K Optional) • 4G-32G Flash Memory • Support for Multi-Certificate and Multi-Keypair
USB Connection	USB 2.0/USB 3.0
Humidity	0~90% (Without Condensation)
Operating Temperature	0℃~70℃
Storing Temperature	-20℃~80℃
Casing Material	Metal
Data Retention	At Least 10 Years
Hardware Serial Number	32Bit Global Unique Series Number