Smartjac Industries Inc. - Kanalvägen 1A
2nd floor
SE-194 61 Upplands Väsby
Sweden
www.smartjac.com / www.smartjac.biz

Phone: +46(8)41071230 - Email: order@smartjac.com

mToken K9-Bio USB authenticator

Brand: Smartjac Industries Inc
Product Code: SMALM100006

Short Description
mToken K9 is a brand new fingerprint token which contains traditional USBKEY and biometric technology, using unique fingerprint to replace traditional passwords.

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mToken K9 is a brand new fingerprint token which contains traditional USBKEY and biometric technology, using unique fingerprint to replace traditional passwords. mToken K9 stores human "fingerprint" feature, each user's fingerprint will be stored in a tamper-proof smart card, authentication process requires to verify live fingerprint, needn't worry password leakage. In order to strengthen the protection of user information, use their own biological features to prevent unauthorized users from access and unauthorized use of resources and ensure information security.

Other Major Features and Benefits
32-Bit High Performance Smartcard Processor
Two factor authentication, fingerprint and hardware
Unique fingerprint substitute password to prevent Illegal authentication
No need remember mass info, easy to use
Advanced fingerprint algorithm, with high recognition rate
Driverless, Plug and Play
Combine fingerprint with certificate, improve the signature/encryption security level

Technical Specification
Physical Characteristic
Item Parameter
Power supply USB Port
Working Voltage 5V
Working current 50mA
Operating Temperature 0 – 70?
Storing Temperature -20 – 85?
Interfaces USB Mass Storage/ HID /CCID
Connectivity USB2.0, compatible with USB3.0
Chip processor 32-Bit High Performance Smartcard Processor
Built-in Cryptographic Algorithms DES, 3DES, AES128/192/256,
SHA1/SHA256/SHA384/SHA512, RSA1024/2048
Chip memory 128K
Life time At least 10 years
Fingerprint Parameter
Item Parameter
Fingerprint model type Active RF sensor
Authentication Live Fingerprint
Fingerprint Chip Cycle At least 1,000,000
Authentication Method
1?1
1?N
False reject rate <0.01%
False accept rate <0.00003%
Authentication Speed
1 : 1 <10ms
1 : N <1s
Processing Speed 40fps
Fingerprint Memory Admin 10 fingerprints
User 10 fingerprints

Supporting OS
Windows

Linux

MAC OS