

FEITIAN ROCKEY4ND

–High Performance Software Program Encryption Device

Introduction

ROCKEY4ND is an advanced software protection system that attaches to the USB port of a computer. Unlike some competing products, ROCKEY4ND is a powerful miniature computer, with a CPU, memory and specialized firmware built-in that allows for a robust interaction with your application. You may write complex algorithms that are securely stored in the dongle, and then call those algorithms from time-to-time in your application. This method for software protection is strongly recommended and is very difficult to crack, and although ROCKEY4ND is designed to implement extremely high levels of security - it is also relatively easy to implement. The ROCKEY4ND API set has been simplified and improved based on experience gained from earlier versions. Besides that, the device is driverless under Windows, Linux and Mac OS.



Features

- USB driverless device
- Provide shell encryption tool
- 1,000 bytes user space
- Provide 64 module control units
- Support for 128 user defined algorithms
- Built-in seed code algorithm
- Standard USB 1.1 device, support USB 2.0 interface
- Support multiple operating systems: Windows 2000/XP (32bits & 64bits)/2003 (32bits & 64bits)/Vista (32bits & 64bits), WinCE (x86), Linux and Mac OS etc.
- Universal unique hardware ID
- 2 levels-4 groups (basic password & advanced password) password management mechanism, i.e. developer password and end-user password
- Hardware implemented random number generator
- Compliant with CE and FCC standards
- Provide multiple software programming interfaces: ASM, ASP/PHP, Delphi, Power Builder, Python, Fortran, Java, RealBasic, Oracle, SQL2000, FoxPro, VB, VBA, VC, C# and VB.NET etc.

Specification

Interface Type	USB type A
Interface Standard	Standard USB 1.1 device, support USB 2.0 interface
Processor	8- bits CPU chip
Memory Space	1,260 bytes of user memory space
Encryption Method	Shell encryption, programming API
Dimensions & Weight	50 x 17 x 7mm, 6g (A1+ Casing)
Casing Material	PC (polycarbonate)
Operating Temperature	0°C ~ 70°C
Storage Temperature	-10°C ~ 80°C
Humidity	20% ~ 80%
Cascade Levels	Up to 16
Power Supply	USB port
Working Power	250mw (Max.)
Working Voltage	5V
Working Current	50mA (Max.)
Data Retention Period	At least 10 years
Read / Write Times	At least 100,000
Certification	CE FCC
Software Environment	ASM, ASP/PHP, Delphi, Power Builder, Python, Fortran, Java, RealBasic, Oracle, SQL2000, FoxPro, VB, VBA, VC, C# and VB.NET etc.
OS Platform	Windows 2000/XP (32bits & 64bits)/2003 (32bits & 64bits)/ Vista (32bits & 64bits), WinCE (x86), Linux and Mac OS etc.

