

KEYLOK[®] USB

Building a Secure Software Environment



Our standard USB dongle with drivers is our most cost-effective and widely used security device.

Overview

- ✓ Proprietary encryption ensures responses generated by key are always unique
- ✓ Internal authentication discourages hardware cloning
- ✓ Extensive API library enables rapid & simple implementation

Features

- ✓ Easy plug & play driver installation
- ✓ Windows, MAC, Linux
- ✓ Protect multiple applications with one device
- ✓ Use multiple dongles on a single server (Windows)
- ✓ Available for Networks (Windows) to enforce concurrent usage
- ✓ Implement creative licensing models including Expiration Date, Features and Counters
- ✓ Remote Update dongles in the field
- ✓ 112 Byte Read/Write Programmable Memory

OS and Development Tools

Operating Systems	Development Tools
Windows XP (32/64 bit) and newer	Borland C/C++
Linux 2.4 and newer	Delphi
MAC OSX	Intel Fortran
UNIX	Java
Ubuntu 13.1 x64 x86 / 12.04 x32 x64	Linux (C, Java)
Fedora V18 x64 x86	Microsoft Access
OpenSUSE 13.1 x32 x64	Microsoft Visual Basic
CentOS 6.5 x32 x64	Microsoft Visual Studio (C/C++/C#)
	PERL
	VB.Net



Technical Specifications

Environment	
Storage Temperature	-10° F to 175°F (-23° C to 80° C)
Operating Temperature	32° F to 157° F (+0° C to +70° C)
Dimensions / Connectors	
USB	3/8" x 5/8" x 1 7/8" (9 x 17 x 49mm) Standard USB port
Memory	
Programming ROM	Programmed by KEYLOK
Data retention	At least 10 years
Programming RAM	112 Bytes / 1 Million Write cycles per location / Unlimited Read cycles
Security	
Encryption	Random Proprietary Encryption Algorithms
Authentication Password	2 ⁹⁶ possibilities
Read Password	2 ¹²⁸ possibilities
Write Password	2 ¹⁷⁶ possibilities
Power	
USB	No more than 15 milliamps