

KEYLOK® II

Building a Secure Software Environment

OVERVIEW

- Proprietary encryption ensures responses generated by keys are unique with each access
- Eliminates attacks from the use of record and playback as well as driver emulation
- Internal authentication design makes hardware cloning virtually impossible
- KEYLOK API is simple and easy to implement
- Extensive pre-configured API library provides highest level of security eliminating need for low-level programming

KEYLOK's SOLUTION

The KEYLOK II product line offers you the power and flexibility you need to implement virtually any licensing model, including evaluation, lease, pay-per use or subscription.

KEYLOK II Models



USB



Parallel



Serial

Available for the Following Platforms:

	Easy Plug & Play Driver Installation	DOS, WIN 3.x Windows 95	Windows XP, Vista, Windows 7, Server 03/08/08 & R2 (32/64 bit)	Apple MAC OS X	Linux/FreeBSD	112 Byte Read/Write Programmable Memory
USB	X		X	X	X	X ³
Parallel	X	X	X		X	X ³
Serial	X ¹	X ²	X	X	X	X ³

1= No drivers required

2= Support for ANY operating system with an RS-232 port (DOS, Windows, Linux, etc.)

3= No special hardware required to program the dongle

KEYLOK II Technical Specifications

Supported Operating Systems

- Windows XP (32/64 bit), Vista (32/64 bit), Windows 7 (32/64 bit), Windows Server 2003 (32/64 bit), Windows Server 2008 & R2 (32/64 bit)
- Linux (any version supporting libusb)
- Mac – available for USB
- TCP/IP Networking Support
- UNIX

Supported Development Tools

- Microsoft Visual Studio (Visual C/C++)
- Microsoft Visual Basic
- VB.Net
- C# (C-Sharp)
- Microsoft Access
- Delphi
- Java
- Microsoft Excel
- Borland C/C++
- Linux (C, Java)

Supported Linux Development Tools

KEYLOK supports over 50 development tools. For a complete list of these supported tools, please see our website at www.keylok.com

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	
Parallel	1/2" x 1 3/4" x 2 3/16", Body 1 1/4" (15 x 47 x 55mm, Body 33mm) DB25 on both sides. 1.2oz
USB	3/8" x 5/8" x 1 7/8" (9 x 17 x 49mm) Standard USB port
Serial Port	5/8" x 1 1/4" x 2 3/8", Body 2 1/16" (16 x 33 x 63mm, Body 53mm) DB9 on both sides
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
Serial	Operates at 3.3V, Designed to output +/-5V, Consumes less then 2 mA in receive mode and less than 5 mA in send mode
Parallel	