SECUREDONGLE X

No more excuse as Software Protection Dongle is too Costly or too Difficult to implement!

SecureDongle X is built based on the most cost effective secure EEPROM together simple Plug & Play HID USB platform that is eXtremely simple to implement, even a new dongle user can master it within very little learning effort. It does not offer many of the advanced software protection methods but it can be the perfect choice for mass software developers who want simple protection with low budget.

Feature Highlights

Human Interface Device

Simple Plug & Play driverless USB dongle - as long as your USB thumb drive can work on one computer system, so does SecureDongle X.

Changeable Password

SecureDongle X comes with 32-bit UID (i.e. Password to access the dongle) that can be regenerated with the provided initialization tool with upto 64-byte Seed Code (i.e. the secret that the dongle owner keep in order to generate his/her UID).

Large Memory

SecureDongle X built in 2,560 bytes (i.e. divided into five blocks of 512 bytes each) internal memory which can be used as external table for some licensing data.

Enhanced Security

To add on extra security, SecureDongle X is built in supports for 2048-bit RSA encryption to make sure data store inside the internal memory can be securely protected.

Unique Identifier

Each SecureDongle X comes with a 32-bit Hardware ID which is globally unique identifier that is burnt into the One-Time-Write-Only chip, even the manufacturer cannot change it.

Comprehensive Software Development Kit

SecureDongle X comes with comprehensive yet developer friendly SDK, even a fresh dongle user can master it within very minimum learning time.

SECUREDONGLE X

Software Development Kit

What you need now is to get a set of SecureDongle X Software Development Kit which will facilitate all you needs to start integrating SecureDongle X protection into your software application.

The contents inside the Software Development Kit are listed as below:

SecureDongle X Software Development Kit	• One SecureDongle USB DEMO Dongle
	• A software/utilities CD-ROM
	• Contents inside the CD-ROM:
	    - Developer Guide
	    - Init (to initialize/change UID)
	    - Envelopers (executables, Flash, .net)
	    - API Samples (Access, BCB, Delphi, Foxpro, Java, JWS, PB, Python, VB, VC, .net, X64)
	    - Package for Linux
	    - Package for MAC OS 10.4 above
	    - Device Driver for WIN98SE

Technical Specification

SecureDongle X Specification	
User Password	32-bit User-Defined UID
Hardware ID	32-bit predefined globally unique identifier
User Data Zone	5 x 512 bytes internal memory
Dimensions	51 x 16 x 7 mm
Current Consumption (active/idle)	<50 mA
Min. OperatingVoltage	5V
Hardware Platform	EEPROM
Max. No. of Concurrent Dongle Used	16
Max. No. of Write Access	>100,000 times
Connector Support	USB Type A
Storage Temp.	-40°C ~ 85°C
Operating Temp.	0°C ~ 70°C
Data Retention	10 years