# Code Port Dongle

Brochure




## Super Small

The major difference between Genii and other dongles is its super fit size, two coined thickness only and 2.8g in weight. Placing Genii in hand, you can barely feel its existence. It is the best one for company laptops and blade servers which require extremely tiny space for dongles.




## Best Chip Security

EAL 5+ is a known upper limit for current technical products.

EL is equipped with the most advanced 16-bit smart card chip reaching EAL 5+ in the global hi-tech sector, that practically enable Elite EL with the outstanding effectiveness in resisting of major attacks such as Electronic Attack (SPA and DPA), Probe Attack (Si-Shell), Chip Dissection and Debug Port.




## Code-Port Solution

Code Port is an evolutionary technique of transferring key codes of protected software to a dongle under secure communication.

When a corresponding dongle is plugged, the protected application will call specific API functions to run key codes and data stored in the dongle and return legal results, so as to complete the full operation of the protected application.

As those code and data stored in the dongle do not have copies at the PC end, malicious crackers are unable to get algorithms or data by physical interception.




## Handy Remote Update

You can update the encrypted data remotely without callback of dongles. Furthermore, the updating process is reliable and secure that greatly improving work efficiency and saving the management and logistics costs for intercepting any valid information.




# Smart Technology

As distinguished from conventional chip, Elite EL smart card chip contains high performance cryptographic algorithm accelerator or coprocessor. A smart card chip can be taken as a highly integrated mini PC. Now, let's see how smart it is.

- **Automatic Self-locking Mechanism**

The access to the chip is protected by PIN, and the maximum re-tries is pre-set by software developers. For instance, under a dictionary attack, once re-tries exceed the pre-set value, the chip will trigger of a self-locking mechanism and block all external running operations.

- **Global Unique Serial Number**

A global unique SN which cannot be altered or rewritten is assigned to each smart card chip. This puts an end to the piracy and enables the effective management on released chips.

- **Hardware Random Number Generator (White Noise Technology)**

It produce more security random number, then more security solution can be made with it.

- **Built-in Timer**

Timer is a useful component for software protection that applies to time-limited usage and ant-tracking. Elite EL has a built-in timer lasting more than 10 hours that sustains much longer than similar products of competitors.

- **Driverless**

EL is formatted to Windows/Linux/Mac OS. In most circumstances, it does not require installing the driver on purpose. It is highly compatible and convenient to use.

- **Program Languages Supported**

C++, C#, Delphi, Java, VB, VC, PB and more. Contact us for extra supports.

**Envelope available for 32 bit dot Net as well as and c++ software.**