# Protect Your Data; Safeguard Your Privacy®

# eNIGMA®

## USB pass-through dongle with AES 256-bit hardware encryption

The **Enigma** is a USB ciphering dongle that transparently encrypts data stored inside any USB drive including Blu-Ray DVD, DVD R/W, CD-R, thumb drive, hard disk or any flash card inserted into a USB card reader. Installation is easy. Simply insert the USB drive to the Enigma dongle then plug into a standard USB port. The drive appears in the computer in a few seconds and is ready for use just like any ordinary USB drive. All data written to the USB drive is automatically encrypted via the Enigma dongle with NIST/CSE certified AES ECB/CBC 256-bit strength. There is no software or driver to install and no password to remember. All your software works the same as before except that stored data are wire speed encrypted. The encrypted USB drive can be used on any system so long as you have possessed the Enigma dongle.

## How does it work ?

The **Enigma** sits between a USB host and the USB device, encrypting data before it is written to the storage and decrypting while it is read. The cryptographic operation is totally transparent to users thus produces no performance loss while all data-at-rest are hardware AES 256-bit encrypted. The operation is easy to use and requires no additional IT training.
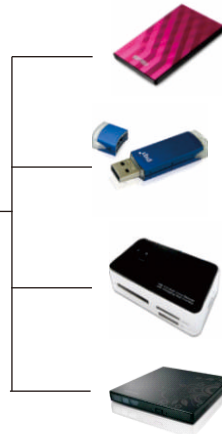
*Attach to the USB port of either Notebook or Desktop PC*

*Secure data in any of these following devices with AES 256-bit encryption*

*As a key to access the data*

*After encrypting the connected USB MSC drives, the data can be only accessed through the Enigma dongle*

**For additional information, please refer to our FAQ at www.enovatech.net/support/download/enigma_FAQ.pdf**

## Product Specification

| Product Specification |
| --- |
| 1. USB2.0/USB3.0 compliant; <br> 2. Encrypts all USB MSC devices[1] including card reader; <br> 3. Compatible with Windows, MAC and Linux operating systems; <br> 4. No software/driver to install; <br> 5. Encrypts Blu-Ray DVD, DVD RW, CD-R; <br> 6. Full disk encryption leaves no clear text unprotected; <br> 7. NIST/CSE certified hardware AES 256-bit strength; <br> 8. 60.7mm (H) x 19.6mm (W) x 10.1mm (H) with 11g (0.39 oz) weight; |

Remark #1: Some composite device such as Western Digital My Book Studio Edition 4TB has equipped with more than one interface. The WD 4TB drive comes with an extra HID/SES interface in addition to the USB MSC interface. The Enigma supports current WD 4TB drive under Windows 7 32/64-bit platform. Having said, we have not exhausted testing over other brands thus can not guarantee full compatibility with other 4TB drives. If incompatibility issue occurs, please inform us and send us your configuration data as we will be pleased to try to resolve the technical difficulties for you.

## Benefits

- Simple to use – only 2 clicks !
- Use with any NB, PC or Tablet with USB port
- Encrypts *any* USB based storage device
    - Thumb drive, hard drive, hybrid drive (PATA, SATA)
    - Blu-Ray and DVD, Card Reader, Camera, Smart phone
- Powerful AES 256-bit hardware encryption
- No software or drivers to install
- Compatible with all major Operating Systems
    - Microsoft, Apple, Android, Linux



## Ordering Codes

| Ordering Code (SKU) | AES Mode of Operation | Encryption Strength | OS Software Support |
| --- | --- | --- | --- |
| EMA-DX256E-2W | ECB | 256-bit | Windows |
| EMA-DX256C-2W | CBC | 256-bit | Windows |
| EMA-DX256E-2M | ECB | 256-bit | Windows & Macintosh |
| EMA-DX256C-2M | CBC | 256-bit | Windows & Macintosh |

## System Requirements

- USB2.0/USB3.0 compliant
- Windows 7/Vista/XP, Mac OS and Linux, 32 or 64 bits
- All operating systems with USB1.1/2.0/3.0 support

Authorized Distributor：

Enova Technology specializes in the design of advanced real-time cryptographic storage solutions. Enova's innovative encryption technology satisfies the needs of Corporations, Government Agencies, Consumers and security-conscious users worldwide who demand absolute privacy and confidentiality of stored data and network credentials.