DigitalAsset™
Smart. Secure. Versatile.

Padlock 256 AES USB3.0 Encrypted External Hard Drive Case

User Manual

Precautions before use

Please read the following instructions carefully before using.

DigitalAsset™ (is compatible with SATA Type 2.5" HDD. The product include a HDD (upgrade size as per requirement).

Please prevent the product from water and humidity. It should be stored at ambient temperature 0 °C~35 °C, relative humadity is not more than 76% of teh clean, dry and ventilated indoor; also avoid contact with corrosive substances, and stay away from fire and heat source.

The encryption of DigitalAsset™ is hardware based. DigitalAsset™ can connect and work with all OS, Embedded devices and media players which support USB host.

Basically DigitalAsset™ uses AES (Advanced Encryption Standard) 256 bit encryption algorithms. Additionally, it supports higher level encryption management via Password input. If a user loses or forgets password of DigitalAsset™, nobody including (Bicnet Infoservices Pvt Ltd – manufacturer / Supplier) can rescue or recover any data. User need to format the HDD to use it again.

DigitalAsset™ doesn't use any S/W for encryption. Users can set up the security by inputting 0 to 9 digits password according to the front LED status.

DIgitalAsset™ encrypts the entire HDD, once encrypted it is impossible to read or decode any data on the HDD even though it's connected with other PC systems.

DigitalAsset™ supports 'un-mount' feature. When disconnecting DigitalAsset™ from PC, please use 'un-mount' feature on DigitalAsset™ or 'Safely Remove Hardware' of Windows. If you disconnect USB cable during data transfer, data loss may occur. Please pay attention to it.

DigitalAsset™ supports USB3.0 Super-Speed. Data transfer speed (reading and writing) of DigitalAsset™ can be affected by the performance (RPM) of HDD. The data transfer speed of 7,200RPM HDD is rather faster than 5,200RPM HDD.
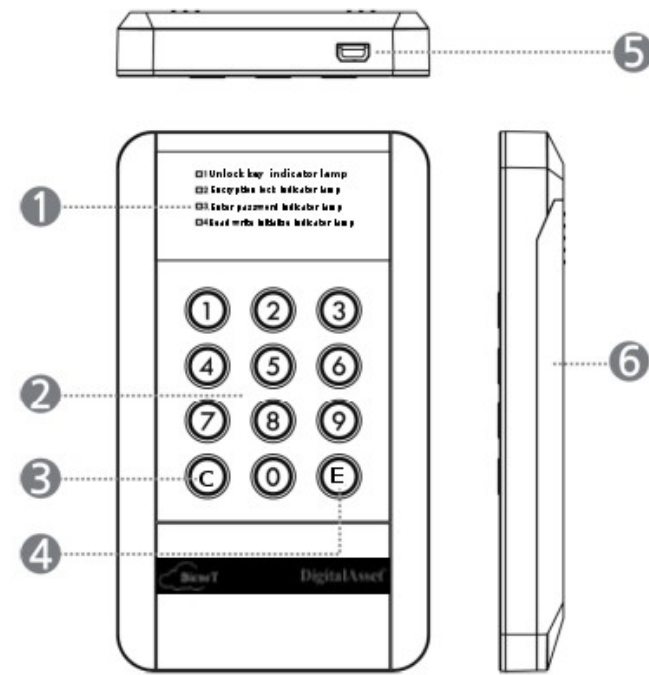
1. LED indicator light: shows password input and status of DigitalAsset™. Read the message next to the blinking LED.
2. Input button: buttons for the numeric password input. (0-9)
3. Change Password button : press **'C'** button after put existing password and press 'E' enter button, after that put new password twice and press enter button.
4. Enter button: press '**E**' button after password input or Menu selection to confirm it.
5. Micro USB Port
6. Back cover: Screw-less type back cover for simple HDD installation.

Specification

| Model Name	DigitalAsset™
Power	USB Power
HDD	2.5 inch SATA I, II, III HDD/SSD (Max 9.5mm thickness HDD)
Interface	USB 3.0 Super Speed (Max 5Gbps), USB2.0 compatible. (USB3.0 Max speed is available when it's connected with USB3.0 host device.)
OS	All Operation Systems recognizing USB storage device
Size/Weight	(W) 78mm x (H) 135mm x (D) 16mm / 75g(w/o HDD)
Package contents	DIGITUS LockUp™, USB3.0 cable, Pouch, User Manual.

HDD Installation

Step 1 :
Open the back cover by pushing down slightly according to the arrow direction.

Step 2 :
Install a 2.5" SATA HDD as below picture.

Step 3 :
Close the back panel by pushing up according to the arrow direction. DigitalAsset™ supports screw-less HDD installation.
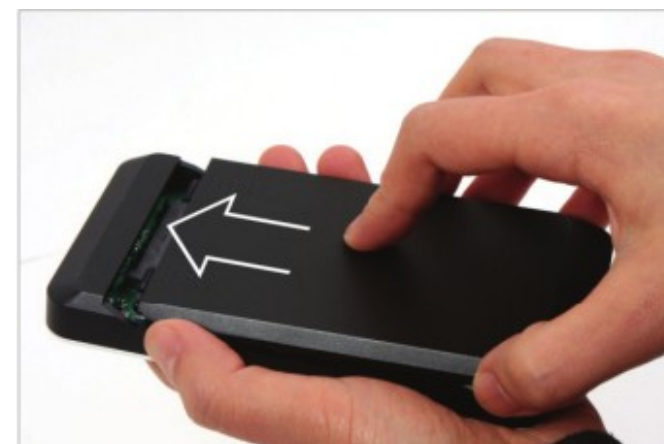
Step 4 :
Connect DigitalAsset™ and your Desktop or Laptop with the official USB3.0 cable in the package. The insufficient power supply can cause malfunction to DigitalAsset™.

The first -
Password Setting and Password Input

Caution:
DigitalAsset™ works only as security mode. In case of installing a used HDD which got previous data, the HDD installed in DigitalAsset™ should be initialized. So, certainly make the data back-up in the HDD before using.

1. Connect one side of the USB Cable to running to a running computer
2. Start processing the button "1" & "3" at the same time, then connect the Encrypted Case with **1** to the running computer without releasing those buttons until the Red and Green LED lights are turned on (it indicates that SET DEK has been turned on successfully). Then release button "1" and "3". (If Red, Green LED lights are not being turned on, please try again)
3. Keep pressing the button "C" for 5 seconds until the Yellow lights are lighting at the same time, and then we will proceed on to the password creating mode.
4. (Before you set up the new password, ensure the Green, Red and Yellow lights are lighting) the new password can be any length and any numbers asyou can conceive of. As soon as a new password is entered, press Enter "**E**" button to confirm; and then repeat these steps one more timeto complete the password setting.
5. Go to "My computer---Management---Disk Management---Initialize Disk---New Simple Wizard---Format partition (Click"Perform a quick format")---Assign Drive Letter or Path---Specify Volume Size---Completing the New Simple Volume Wizard", so the password is being set up successfully. The correct password needs to be entered each time you want to use the Encrypted Hard Drive.

6. Changing Password : Before connecting your hard disk to a computer, keep pressing the button "**C**" without releasing it; Now please connect the hard disk to a computer, and so the Red & yellow LED lights will be turned on at the same time

7. Release the button "**C**" and then Enter the previous password and press "**E**"; If the previous password has been entered correctly, the Yellow LED light will be turned off (Green, Red LED will keep lighting).

8. Now please entera new password and press "**E**". Enter the new password again and press "Enter" to double confirm;(The green LED light will flash five times when the password is converted successfully)

HDD Connection / DIsconnection

HDD initialization means that the HDD installed in DigitalAsset™ is initialized. After HDD initialization, users need to set up partition and format process again.

Caution:
If HDD is initialized, it's impossible to recover the data in the HDD.

HDD Connection / Disconnection (Smart Mount/Un-mount function)

Abruptly removing storage devices or external hardware from your PC can damage to the device and result in loss of data. So, it's recommended to get in the habit of safely removing your external hardware via "Safely Remove Hardware". But, it's rather annoying job.


DigitalAsset™ supports smart MOUNT and UN-MOUNT feature to make simple, convenient and safe hardware r emoval.

Again, enter password and press "E" button, then HDD is automatically connected.

HDD Intialization

HDD in DigitalAsset™ should be initialized, partitioned and formatted first for common usage (Reading and writing) via your OS. Below instructions are for Windows 7. (Windows XP and Vista are also similar – Refer to below instruction!)

1. Select [Control Panel] -> [Administrative Tools], then open up [Computer Management], then go to [Disk Management]

2. Your PC can't recognize the HDD installed in DigitalAsset™ because it's initialized only by Software.
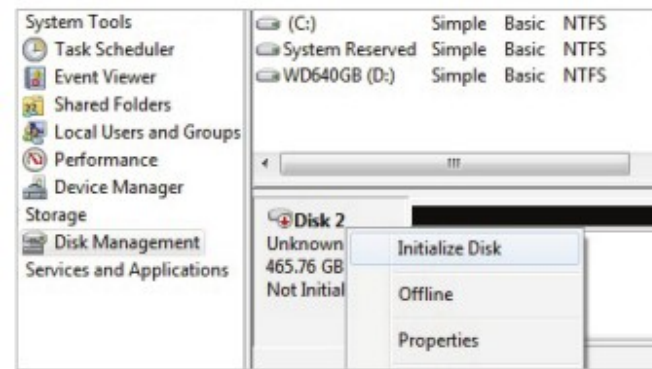
3. Your PC can't recognize the HDD installed in DigitalAsset™ because it's initialized only by Software.

Caution:
Please be careful not to initialize the used or existing HDD which includes any valuable DATA on it.
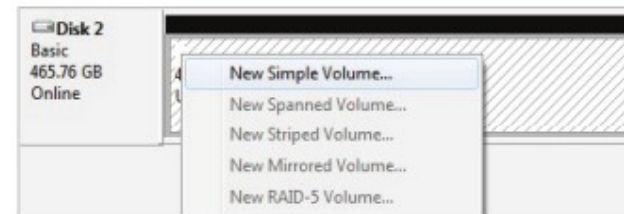
4. Select "MBR" in the menu of [Initialize Disk] and press "OK"
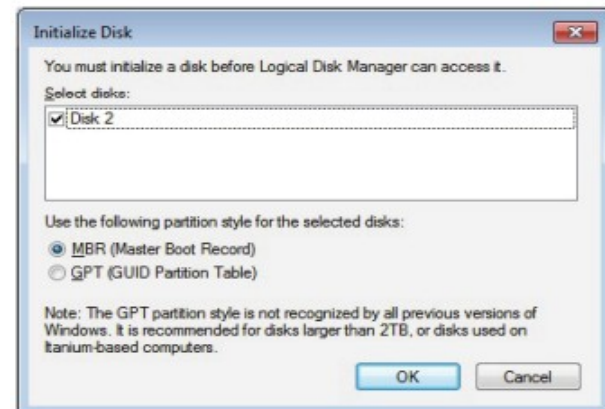
5. [Initialize Disk] is completed, then the Hard Disk displays "Online".
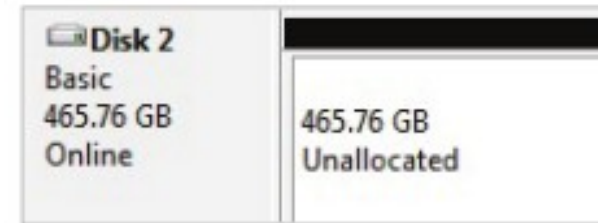
6. Now, you can begin the partitioning and formatting process on the Hard Disk. Right-click on the driver's space details (below picture) and select "New Simple Volume…" or "New Partition…".

7. "New Simple Volume Wizard" comes up giving you some selections about the new partition. In the first tab select the partition type. The usual is primary. Click 'Next' and set the partition size. Set the max size if you want all the space to be allocated to a single partition or smaller size if you want to create more partitions.
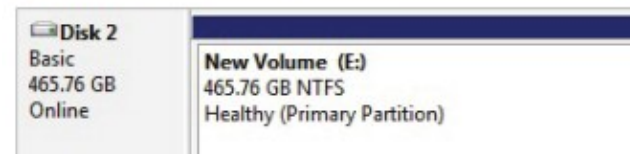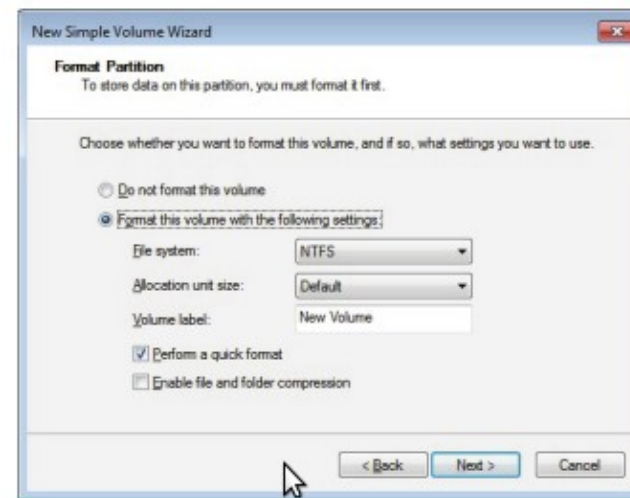
Q.1 - Is there any limitation on 2.5" HDD Capacity which DigitalAsset™ can use?

There's no limit on 2.5" HDD capacity, but there's a limit on the depth of 2.5" HDD. LOCKDOWN can install standard 9.5mm depth (thick) 2.5" HDD only. In case of 12.5mm thick HDD, it can't be installed and used.

Q.2 - Is there any slow down or speed delay in data transfer due to using Security Mode?
Regardless of Security Mode, DigitalAsset™ supports the same USB3.0 Super Speed. It's a Hardware type Encrypt solution.

Q.3 - What's AES 256 Encryption?

AES (Advanced Encryption Standard) is s symmetric- key encryption standard adopted by the U.S. Government. The AES ciphers have been analyzed extensively and are now used as a world top level security standard. AES 256 is the most advanced algorithm among AES standards (AES 128, 192, 256).

Q.4 - I forgot my Password. Can I recover the data on HDD?

No, it's impossible. Without the correct password, nobody can connect and read the data on HDD of DigitalAsset™.

Q.5 - In case DigitalAsset™ itself gets damaged, how can I recover the data or use the installed HDD without data loss? Can I buy new DigitalAsset™ and use it without any problem with the HDD?

In case of physical damage of DigitalAsset™, please visit our official A/S centers in the world with

1) the damaged DigitalAsset™,

2) ts HDD (installed) and

3) new DigitalAsset™. We can recover and make the HDD compatible with the new DigitalAsset™ after checking the combination of product serial number and correct password. But, if users forgot the password of DigitalAsset™ (HDD), there's no way to recover the data.

Q.6 - If I take off HDD from DigitalAsset™ and connect it to PC, PC can read and recover any data on the HDD?

No! PC can't read anything because it's fully encrypted. It just recognizes it as an unformatted HDD.

Q.7 - My TV supports Media Play (Audio and Video). Can I connect DIgitalAsset™ to my TV and play the media files even under Safety Mode?

Yes, it's the greatest advantage of DigitalAsset™. You can connect DigitalAsset™ to any device which supports USB Host. After entering Password, it works just like USB 3.0 super speed storage. (Blu-ray Player, Mobile phone, Media Player, TV, PC, MAC.)