iStorage datAshur PRO

iStorage datAshur PRO 8GB Encrypted USB Flash Drive User Manual

Model: datAshur PRO (IS-FL-DA3-256-8)
Brand: iStorage

1. PRODUCT OVERVIEW

The iStorage datAshur PRO is an 8GB PIN-authenticated, hardware-encrypted USB 3.2 (Gen 1) flash drive designed for secure data storage. It features AES-XTS 256-bit hardware encryption, ensuring all data transferred to the drive is encrypted in real-time. The device is FIPS 140-2 Level 3 certified, providing a robust solution for protecting sensitive information from unauthorized access, even if lost or stolen.

Image: The iStorage datAshur PRO 8GB encrypted USB flash drive, showcasing its compact design and integrated keypad.

2. Key Features

- **PIN Authenticated Access:** Requires a 7-15 digit PIN for authentication.
- **Hardware Encryption:** AES-XTS 256-bit hardware encryption, FIPS 140-2 Level 3 certified.
- **Operating System & Platform Independent:** Compatible with MS Windows, macOS, Linux, Chrome, Android, Thin Clients, Zero Clients, Embedded Systems, Citrix, and VMware.
- **Rugged Design:** Dust and water resistant (IP57 certified) for enhanced durability.
- **Fast Data Transfer:** USB 3.2 (Gen 1) with up to 169MB/s Read speeds and up to 135MB/s Write speeds.
- **Brute Force Hack Defense:** Automatically deletes user PIN after 10 incorrect attempts.

Wear resistant keypad

Epoxy coating

FIPS

Military Grade Security

All data stored on the datAshur PRO is encrypted using FIPS PUB 197 validated, AES-XTS 256-bit hardware encryption. All components incorporated within the datAshur PRO are completely covered by a layer of super tough epoxy resin.

Image: The datAshur PRO highlighting its wear-resistant keypad and epoxy coating for military-grade security.

Image: The datAshur PRO demonstrating its IP57 dust and water resistance with water splashes.

Image: The datAshur PRO connected to a laptop, illustrating its high read and write speeds.

3. SETUP AND INITIAL UNLOCK

Before using your datAshur PRO, you must unlock it using your personal identification number (PIN).

3.1 Unlocking the Drive

1. Press the **KEY** button once. The red light will blink.
2. While the red light blinks, enter your 7-15 digit user PIN.
3. Press the **KEY** button again to confirm.
4. The light will change from blinking red to solid green, indicating the drive is unlocked.

3.2 Connecting to a Device

Once unlocked, insert the datAshur PRO drive into an available USB port on your computer or compatible device. The drive will be recognized automatically.

Your browser does not support the video tag.

Video: Demonstrates how to unlock and encrypt data using the datAshur PRO. This video shows the process of entering the PIN and connecting the drive to a laptop.

4. Operating Instructions: Data Transfer

After successfully unlocking and connecting your datAshur PRO, you can transfer files to and from the drive just like any other USB storage device.

4.1 Storing Encrypted Files

1. Open the USB drive folder on your computer (e.g., 'This PC' on Windows).

2. Select the files you wish to encrypt from your local storage.

3. Copy and paste, or drag and drop the selected files into the datAshur PRO drive folder.

4. The files will be automatically encrypted as they are transferred to the drive.

4.2 Safely Ejecting the Drive

To ensure data integrity and security, always safely eject the drive before physically removing it from your device.

1. Locate the 'Safely Remove Hardware' icon in your system tray (Windows) or drag the drive icon to the Trash/Eject (macOS).

2. Select the datAshur PRO drive for ejection.

3. Once prompted that it is safe to remove, disconnect the drive. The drive will automatically lock, and your data will be securely encrypted.

5. Maintenance

The datAshur PRO is designed for durability and is IP57 certified, making it dust and water resistant. To maintain its performance and longevity:

- Keep the protective cap on when not in use to prevent dust and moisture ingress.

- Avoid exposing the drive to extreme temperatures or harsh chemicals.

- Clean the keypad and casing with a soft, dry cloth if necessary.

6. Troubleshooting

6.1 Incorrect PIN Entry

The datAshur PRO is programmed to protect against brute-force attacks. If the user PIN is entered incorrectly 10 consecutive times, the user PIN will be deleted. Your data will remain on the device, but you will only be able to access it by entering the administrator PIN.

6.2 Data Loss Prevention

If the administrator PIN is entered incorrectly 10 consecutive times, the PIN, encryption key, and all data on the drive will be permanently lost. The device will revert to factory default settings and will require reformatting before further use. It is crucial to remember your PINs and consider backing up critical data.

7. Specifications

Feature	Detail
Brand	iStorage
Model Name	datAshur PRO

Model Number	IS-FL-DA3-256-8
Memory Storage Capacity	8 GB
Hardware Interface	USB 3.0 (compatible with USB 3.2 Gen 1)
Special Features	Portable, Water Resistant (IP57)
Write Speed	Up to 135 MB/s
Read Speed	Up to 169 MB/s
Compatible Devices	MS Windows, macOS, Linux, Android, Chrome, Thin Clients, Zero Clients, Embedded Systems, Citrix and VMware
Color	Blue
Item Dimensions (D x W x H)	3.15"D x 0.79"W x 0.42"H
Item Weight	25 Grams

8. WARRANTY AND SUPPORT

The iStorage datAshur PRO comes with a Limited Warranty. For detailed warranty information, product support, or to find out more about iStorage products, please visit the official iStorage website:

www.istorage-uk.com