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> iStorage datAshur PRO+C 512GB Secure USB Type-C Memory Stick Instruction Manual

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Model: datAshur PRO+C | Brand: iStorage

INTRODUCTION

The iStorage datAshur PRO+C is a PIN-protected, hardware-encrypted USB 3.2 Type-C flash drive designed for secure data storage. It features AES-XTS 256-bit hardware encryption and is FIPS 140-3 Level 3 certified, ensuring robust data protection. This manual provides essential information for setting up, operating, and maintaining your datAshur PRO+C device.

The drive offers fast data transfer speeds of up to 310 MB/s read and 246 MB/s write. Its rugged design is IP68 certified, making it dust and water-resistant. No software is required for operation, making it compatible with various operating systems and devices that support a USB port.

WHAT'S IN THE BOX



Image: The iStorage datAshur PRO+C USB flash drive with its protective sleeve.

Key Features:

- **PIN Authenticated:** Access data by entering an 8-15 digit PIN directly on the device.
- **Hardware Encryption:** Features AES-XTS 256-bit hardware encryption, encrypting all data in real-time.
- **FIPS 140-3 Level 3 Certified:** The world's first and only flash drive with this certification, ensuring compliance with stringent data regulations.



Image: The datAshur PRO+C highlighting its FIPS 140-3 Level 3 compliance.

- **USB Type-C Connectivity:** Modern USB-C interface for broad compatibility.
- **Type-C to Type-A Adapter Included:** Ensures compatibility with older USB-A ports.
- **Fast Data Transfer:** Up to 310 MB/s read and 246 MB/s write speeds.



Up to **310MB/s**
Read speeds

Up to **246MB/s**
Write speeds



Image: Data transfer speeds of the datAshur PRO+C.

- **Water and Dust Resistant (IP68 Certified):** Durable design protects against environmental elements.



Image: The datAshur PRO+C demonstrating its IP68 water and dust resistance.

- **Wear-Resistant Keypad:** Designed for longevity and durability.
- **Epoxy Coating:** Internal components are protected by a layer of tough epoxy resin.



Image: Detail of the wear-resistant keypad and epoxy coating for enhanced security.

Official Product Video:

Video: How to unlock and encrypt your data using the datAshur PRO+C. This video demonstrates the process of setting up and accessing your secure flash drive.

SETUP

Initial PIN Configuration:

1. Refer to the included Quick Start Guide for detailed instructions on setting your unique 8-15 digit User PIN.
2. The drive requires an initial charge via a powered USB port for 30-60 minutes before first use.
3. Ensure you remember your PIN, as there is no backdoor or recovery method for lost PINs.

Connecting to a Host Device:

1. The datAshur PRO+C features a USB Type-C connector.
2. If your device has a USB Type-A port, use the provided USB Type-C to Type-A adapter.



Image: The datAshur PRO+C connected to a laptop.

3. Plug the drive (or the drive with adapter) into an available USB port on your computer or host device.

OPERATING THE DATASHUR PRO+C

Unlocking the Drive:

1. Once connected to a powered USB port, the red LED will illuminate.
2. Enter your User PIN using the integrated keypad.
3. Press the 'Key' button (unlock symbol).
4. A green LED will illuminate, indicating the drive is unlocked and ready for use.

Data Transfer:

Once unlocked, the datAshur PRO+C functions like any standard USB flash drive. You can drag and drop files to and from the drive using your computer's file explorer.

Locking the Drive:

To secure your data, simply unplug the drive from the host device. The drive will automatically lock, and all data will be hardware encrypted. The red LED will illuminate to confirm it is locked.

MAINTENANCE

- **Protective Sleeve:** Always use the provided protective sleeve when the drive is not in use to prevent physical damage and protect the USB connector.
- **Water and Dust Resistance:** The drive is IP68 certified, meaning it is resistant to dust and water immersion. However, ensure the protective sleeve is securely in place for optimal protection.
- **Cleaning:** Use a soft, dry cloth to clean the device. Avoid abrasive cleaners or solvents.
- **Battery:** The drive contains an internal battery for keypad operation. Ensure it is periodically charged by connecting it to a powered USB port.

TROUBLESHOOTING

- **Drive Not Recognized:** Ensure the drive is fully inserted into the USB port. If using the Type-C to Type-A adapter, ensure both connections are secure. Verify the drive is unlocked (green LED).
- **Incorrect PIN Entry:** If an incorrect PIN is entered, the red LED will flash. Re-enter the correct PIN.
- **Brute Force Hack Defense:** The drive features a brute force hack defense mechanism. After a certain number of

consecutive incorrect PIN entries, the drive will reset, erasing all data. This is a security feature and cannot be bypassed.

- **Forgotten PIN:** If the User PIN is forgotten, the drive cannot be unlocked, and the data cannot be recovered. The drive will need to be reset, which will erase all data.
- **Slow Transfer Speeds:** While the drive offers high speeds, actual performance can vary based on the host device, file size, and other factors. Ensure you are using a USB 3.0/3.1/3.2 port for optimal performance.

SPECIFICATIONS

Feature	Detail
Brand	iStorage
Model Name	datAshur PRO+C
Memory Storage Capacity	512 GB
Hardware Interface	USB 3.1 Type C
Hardware Connectivity Technology	USB Type C
Read Speed	310 Megabytes Per Second
Write Speed	246 MB/s
Special Feature	Water Resistant (IP68 Certified)
Flash Memory Type	NAND
Compatible Devices	All devices with a USB port (MS Windows, macOS, Linux, Chrome, Android, Thin Clients, Zero Clients, Embedded Systems, Citrix, VMware)
Color	Blue
Encryption	AES-XTS 256-bit Hardware Encryption
Certification	FIPS 140-3 Level 3 Compliant

WARRANTY

The iStorage datAshur PRO+C comes with a **3-year warranty**. Please retain your proof of purchase for warranty claims. For full details regarding warranty terms and conditions, refer to the product documentation or contact iStorage customer support.

SUPPORT

For further assistance, technical support, or to view additional resources, please visit the official iStorage website or their Amazon store:

- **iStorage Official Website:** www.istorage-uk.com
- **iStorage Amazon Store:** [Visit the iStorage Store on Amazon](#)

