







# The world's first and only NCSC CPA & NLNCSA BSPA certified encrypted HDD/SSD

The diskAshur PRO<sup>2</sup> USB 3.1 HDD/SSD is an ultra-secure, PIN authenticated, hardware encrypted portable hard drive. Using the device couldn't be easier, simply connect the integrated cable to any computer and enter a 7-15-digit PIN. If the correct PIN is entered, all data stored on the drive will be decrypted and accessible. To lock the drive, simply eject it from the host computer and all data stored on the device will be encrypted (full disk encryption) using military grade AES-XTS 256-bit hardware encryption.

One of the unique security features of the diskAshur PRO<sup>2</sup> is the dedicated on-board secure microprocessor (Common Criteria EAL4+ ready), which employs built-in physical protection mechanisms designed to defend against external tamper, bypass attacks and more. The device reacts to an automated attack by entering the deadlock frozen state.

In plain and simple terms, without the PIN there's no way in!



# **MAIN FEATURES**









citrix vmware

# OS & platform independent

100% hardware encryption, platform/device independent - works with all operating systems.

Compatible with:

MS Windows, macOS, Linux, Android, Chrome, Thin Clients, Zero Clients, Embedded Systems, Citrix and VMware

## **Government accreditations**

The diskAshur PRO<sup>2</sup> has been accredited to NCSC CPA, NLNCSA BSPA & NATO Restricted Level certifications. It is also designed to be certified to FIPS 140-2 Level 3.

## **Self-destruct feature**

You can pre-program the drive with your own unique self-destruct PIN which, once implemented, instantly deletes the encryption key, all PINs, data and then creates a new encryption key.

#### Tamper proof and evident design

All of the components of the drive are completely covered by a layer of super tough epoxy resin, which is virtually impossible to remove without causing permanent damage to the components. This barrier prevents a potential hacker from accessing the critical components and launching a variety of futile attacks.

Furthermore, the tamper evident design of the device if breached, will provide visible evidence that tampering has occured.

## No speed degradation

As fast as any non-encrypted drive.

# Auto lock

The diskAshur PRO<sup>2</sup> automatically locks when unplugged from the host computer or power to the USB port is turned off and can also be set to automatically lock after a predetermined amount of time.

# Wear resistant epoxy coated keypad

Designed with protection in mind, the wear resistant epoxy coated keypad hides key usage to avoid tipping off a potential hacker to commonly used keys.

#### **Brute force hack defence mechanism**

After 15 consecutive incorrect PIN entries, the drive assumes it is being attacked and will delete the encryption key and lock itself, rendering all data previously stored on the drive as lost forever. At this point the drive can be reset to factory default settings and redeployed.





## **Features**

- Real-time military grade AES-XTS 256-bit full disk hardware encryption
- Common Criteria EAL4+ ready on-board secure microprocessor
- FIPS PUB 197 validated encryption algorithm
- NCSC CPA certified
- NLNCSA BSPA certified
- NATO Restricted Level certified
- FIPS 140-2 Level 3 pending
- PIN authenticated supports independent user and admin PINs (7-15 digits in length)
- No software required 100% hardware encryption
- OS & platform independent
- Works on any device with a USB port
- Read-only (write protect) & read/write
- Brute force hack defence mechanism
- Super speed USB 3.1 with integrated cable
- Epoxy coated wear resistant keypad
- Self-destruct feature
- Unattended auto lock
- Drive reset feature
- IP56 certified (dust & waterproof)
- Tamper proof and evident design

#### 1. LED lights

- a standby state / locked
- A admin mode
- 2. Alphanumeric kepad
- 3. Lock
- 4. Unlock
- 5. SHIFT key
- 6. Desk lock slot
- 7. Integrated USB 3.1 cable



**30 day** free evaluation www.istorage-uk.com

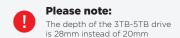












# **Technical specifications**

rechnical specifications					
Hardware	USB 3.1 super speed - backward compatible with USB 1/2/3				
Capacities	<b>HDD:</b> 500GB / 1TB / 2TB / 3TB / 4TB / 5TB		<b>SSD:</b> 128GB / 256GB / 512GB / 1TB / 2TB / 4TB		
Speed	<b>HDD:</b> 148MB/s (read)   140MB	3/s (write)	<b>SSD:</b> 294MB/s (read)   319MB/s (write)		
Dimensions (H,W,D)	124mm / 84mm / 20mm HDD: 500GB - 2TB	124mm / 84mm / 28mm HDD: 3TB - 5TB		124mm / 84mm / 20mm SSD: 128GB - 4TB	
Weight	approx. 225 grams HDD: 500GB - 2TB	approx. 331 grams HDD: 3TB - 5TB		approx. 180 grams SSD: 128GB - 4TB	
Software free Compatible with:	MS Windows, macOS, Linux, Chrome, Android, Thin Clients, Zero Clients, Embedded Systems, Citrix and VMware				
Hardware data encryption	AES-XTS 256-bit full disk hardware encryption				
Certifications	NCSC CPA, NLNCSA BSPA & NATO Restricted level certified   FIPS 140-2 Level 3 (pending)				
Power supply	Bus powered				
Ordering information	HDD: IS-DAP2-256-XXXX-C-	HDD: IS-DAP2-256-XXXX-C-G		SSD: IS-DAP2-256-SSD-XXXX-C-G	

XXXX = capacit



