Crypto Dual 140-2 USB 3.0 - Premium AES 256-bit Security

USB 3.0 backwards
compatible with USB 2.0

4 GB   8 GB   16 GB   32 GB   64 GB
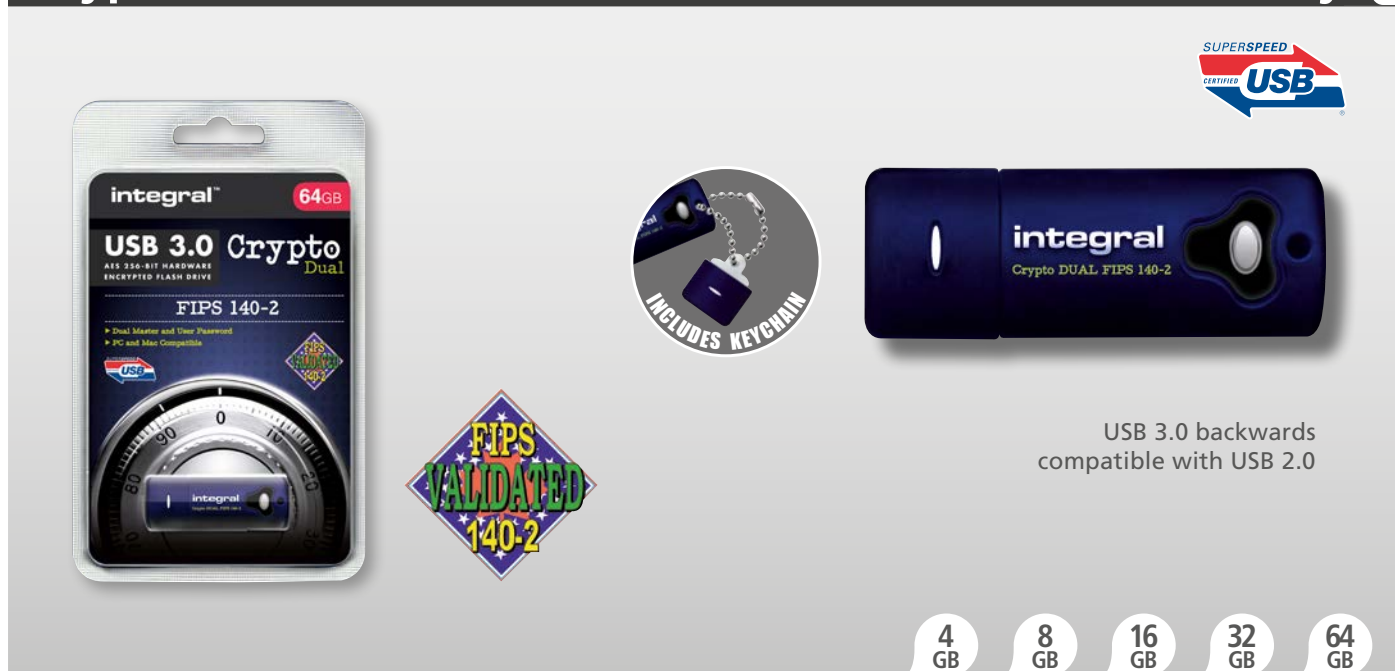
INTRODUCTION

USB Flash Drive security can be a big headache for IT departments. The Integral Crypto Dual USB 3.0 flash drive with FIPS 140-2 certification provides a highly secure, easy to use solution.

Featuring Dual Password configuration; user and optional master password (set by an Administrator).

Users of Integral Crypto Drives include; police forces, local and national governments, education departments and global corporations.

FEATURES

• **Military level security with AES 256-bit hardware encryption** - More secure than a software-only solution.

• **Conforms to FIPS 140-2 Level 3** - Certification Pending

• **Multi-lingual interface** – in 26 languages and a simple user interface for "out of the box" use*

• **Latest USB 3.0 SuperSpeed specification** - transfer all your confidental files and folders faster than ever before

• **High Speed Performance up to 145MB/s**

• **PC and Mac compatible**

SECURITY FEATURES

– **Dual Password** - An administrator can set up an optional master password on a drive. A user then sets a user password as normal. A warning is given to the user after the fifth failed password attempt to take the drive to the administrator to unlock the drive by using the master password. The user and master password cannot be the same.

– **Mandatory encryption of all files (100% privacy)** - All data stored on the drive is secure. Unprotected files cannot be saved to the Crypto Dual.

– **Secure Entry** - Data cannot be accessed without the correct high strength alphanumeric 8-16 character password. A password hint option is available. The password hint cannot match the password.

– **High Strength Password Enforcement** - Setting of a high strength password is mandatory.

– **Brute-Force Password Attack Protection** - Data is automatically erased after 6 failed access attempts. The data and encryption key are securely destroyed and the Crypto Dual is reset.

– **Zero Footprint** - No software installation required. All password and encryption functions are securely executed on the drive.

– **Auto-lock** - Drive will automatically encrypt all data and lock when removed from a PC or when the screen saver or "computer lock" function is activated on the host PC. Crypto Dual will also lock if left idle for more than 10 minutes.

– **Password Entry Count** - The Crypto Dual records the failed entry count. e.g. if the Crypto is removed after 2 failed attempts and reinserted, the drive will resume with the 3rd attempt.

– **Personal ID Function** – As an option, contact details can be added to the Crypto that can be viewed without compromising encrypted data.

– **Unique number** – The USB pin on each drive is etched with a unique and random 7-digit code. This allows a record to be kept of which drive has been allocated to a specific user.

• **Rugged triple-layer waterproof design** - Protects the Crypto Dual against knocks, drops, break-in and submerging in water. The electronics are sealed in epoxy resin and then shielded by a hardened inner case. The rubberised silicone outer casing provides a final layer of protection.

• **Endpoint security software compatible** – The Integral Crypto Dual operates comfortably with endpoint security solutions by using the embedded unique ID.

- **Embedded Unique ID (optional)** – During production a personalised tag (e.g. "ACME APPROVED USB") can be embedded into the Crypto that can be viewed on a PC. The tag gives endpoint software a convenient way to identify Integral Crypto Dual as the "official" company drive, whilst denying access to other unauthorised USB drives that do not carry the unique ID tag.

- **Etched unique ID (optional)** – During production a unique code up to 8 digits can be etched onto the USB connector.

- **Easy To Use** –
  - Plug and Play device, allowing 'drag and drop' of files into secure area
  - Does not require any software or drivers to be installed
  - Works on Mac OSX, Windows XP, Vista, 7, 8.1 and 10, without administrator privileges
  - User manual stored on drive

- **Warranty** – 2 Years

Extended Spec

- **Operating Temperature** - 0° to 70°
- **Storage Temperature** -25° ~ +85°
- **Humidity** 20% ~ 90%
- **Shock (Non-operational)** - 1000G/1ms
- **Vibration(Non-operational)** - 20Hz~80Hz/1.52mm, 80Hz~2000Hz/20G, X, Y, Z axis/30min
- **Waterproof(Non-operational)** - IEC/EN 60529 IPX8 (2013), 25'C/4 feet/60min
- **Power Consumption** - USB 3.0: < 900 mA, USB 2.0: < 500 mA
- **System Requirements** - Windows XP, Vista, 7, 8.1 and 10 or Mac OSX

*26 languages supported by the software GUI -

– Arabic	– Hindi
– Bulgarian	– Italian
– Chinese	– Japanese
– Croatian	– Latvian
– Czech	– Lithuanian
– Dutch	– Norwegian
– English	– Polish
– Estonian	– Portuguese
– Finish	– Romanian
– French	– Russian
– German	– Spanish
– Greek	– Swedish
– Hebrew	– Turkish

Triple Layer Protection

Rubber casing

Hardened inner case

Epoxy resin sealed electronics

Designed and engineered in the EU

	LENGTH	WIDTH	DEPTH	WEIGHT
PRODUCT	58.3mm	21.2mm	14.2mm	15.8g
PACKED	170mm	105mm	18mm	32 .5g

	AES Certificate number
AES 256-bit CBC & ECB	#2590
SHA 512 & SHA 256	#2180
DRBG	#395
HMAC	#1608

This device should not be used as your sole backup.

Product design and specification subject to change or modification without notice. E&OE.

All trademarks acknowledged.

2 year warranty

For products with security software or hardware; the product cannot be guaranteed to be fully secure. No security system can be considered absolute.

For warranty information please visit www.integralmemory.com/warranty

CAPACITY	PART CODE	BARCODE (EAN)	Performance R/W
4GB	INFD4GCRYDL3.0140-2	5055288430402	120MBs / 10MBs
8GB	INFD8GCRYDL3.0140-2	5055288430419	140MBs / 20MBs
16GB	INFD16GCRYDL3.0140-2	5055288430426	145MBs / 20MBs
32GB	INFD32GCRYDL3.0140-2	5055288430433	145MBs / 40MBs
64GB	INFD64GCRYDL3.0140-2	5055288430440	145MBs / 85MBs