

USB2.0 Encrypt PLUS

(256Bit AES Hardware Encryption in CBC mode)



Based on a 60MHZ Processor the Hypertec Encrypt PLUS is a UK designed Hardware Encrypting USB Flash Drive. Designed with flexibility in mind, the device is available in a range of capacities from 2GB - 64GB and is configurable and customisable to suit most requirements (MOQs made be required).

Part Number	HYFLUSB042GB-BE	HYFLUSB044GB-BE	HYFLUSB048GB-BE
Capacity	2GB	4GB	8GB
Write Speed	8-12MB/S	8-12MB/S	8-12MB/S
Read Speed	Max 35MB/S	Max 35MB/S	Max 35MB/S
Part Number	HYFLUSB0416G-BE	HYFLUSB0432G-BE	HYFLUSB064GB-BE
Capacity	16GB	32GB	64GB
Write Speed	8-12MB/S	8-12MB/S	8-12MB/S
Read Speed	Max 35MB/S	Max 35MB/S	Max 35MB/S

Specifications	
Power Requirement	DC 4.5V - 5.5V
Operating current	Max 200mA @ 5.0V DV (typical)
Operating temperature	-0°C ~ + 70°C
Storage temperature	-25°C ~ + 85°C
Relative humidity	10 ~ 95% (no condensation water)

Features

- Driverless Operation
- Authenticated Access to Private Storage
- Hardware Managed Mass Storage Class with up to 35MB/S Read/Writes
- Hardware based continuous DMA transfers
- 60 MHz Microprocessor
- System Tray Application for device status control
- Support for Bespoke Product & Vendor strings (for Endpoint Integration)
- Supports Windows XP, Vista, 7 & 8
- Impossible to store data in an unencrypted form on the device

Encryption & Security Features

- Military grade Hardware Implemented AES 256 Bit Cipher Block Chaining Encryption
- Anti-Brute Force Attack Measure with CryptoKey Deletion on retry count breach
- Rigorous Password Strength Rules
- Anti MITM (Encrypted RAM to RAM copy, Encrypted DMA transfer between USB & Media)
- Encrypted CMAC sealed Firmware

Hypertec
Encrypt PLUS
Enterprise class mobile storage

