

KINGSTON IRONKEY KEYPAD 200

FIPS 140-3 Level 3 (Pending) Certified Hardware-encrypted Keypad drive

Kingston IronKey™ Keypad 200 is an OS-independent hardware-encrypted USB drive with an alphanumeric keypad for easy-to-use PIN access.

KP200 incorporates XTS-AES 256-bit hardware-based encryption. It also is FIPS 140-3 Level 3 (Pending) certified for military-grade security with enhancements that further elevate the bar for data protection. Its circuitry is covered by a layer of special epoxy that makes it virtually impossible to remove components without damaging them; this tough epoxy stops attacks against the semiconductor components. The drive is designed to be tamper-evident to alert owners. It also incorporates Brute Force password attack protection, and BadUSB protection with digitally signed firmware. The alphanumeric keypad is coated with a layer of polymer that protects the keys and hides key usage through analysis of fingerprints on the keys.

KP200 utilizes a built-in rechargeable battery that can be used to unlock the drive first without using any software, and then plug it into any device that supports a USB type A mass storage device. This gives users the most flexibility across different platform types and operating systems.

With Multi-PIN option (Admin/User), the keypad can be used to set up an easy-to-remember but hard-to guess alphanumeric PIN for Admin or User. Admin can restore a User PIN and provide access to the drive should the User PIN be forgotten, or if the drive is locked after reaching the maximum of 10 User login attempts. With both Admin and User PINs enabled, KP200 will lock the User PIN after 10 failed login attempts; if the Admin PIN is entered wrong 10 times in a row, Brute Force attack protection will crypto-erase the drive, destroy the data forever, and reset it.

The drive also provides two levels of Read-Only (or Write-Protect) modes – a Global mode that can be set by Admin, and a session-only mode that can be set by User. Read-Only modes can protect the drive from malware on untrusted systems. In addition, Admin can load content and set the Global Read-Only mode, so that User can access the data but not make any changes.

- FIPS 140-3 Level 3 (Pending) Certified
- OS/Device Independent
- Multi-PIN (Admin and User) Option
- Global or Session Read-Only Option

more ››

FEATURES / BENEFITS

FIPS 140-3 Level 3 (Pending) Certified — KP200 now meets the new FIPS 140-3 Level 3 military-grade security specifications published by NIST. This is an enhanced version of the FIPS 140-2 specifications that further enhances the drive's security capabilities and tamper-resistance. It includes XTS-AES 256-bit encryption along with Brute Force and BadUSB attack protection with digitally signed firmware. Its circuitry is covered by a layer of special epoxy that makes it virtually impossible to remove components without damaging them; this tough epoxy stops attacks against the semiconductor components.

OS and Device Independent — With KP200 utilizing a rechargeable battery, the keypad can be used to unlock the drive without using any software, and then plug it into any system that supports a USB Type-A mass storage device. This gives users the most flexibility across different platform types and operating systems.

Multi-PIN Option — Users have the option to set up a User or an Admin/User mode. Admin can be used to restore a User PIN and provide access to the drive should User PIN be forgotten or if the drive is locked after reaching the maximum of 10 User login attempts.

Global and Session Read-Only (Write Protect) Modes — Both Admin and User can set a session-based Read-Only mode to protect the drive from malware on untrusted systems. Admin can also set a Global Read-Only mode that sets the drive in Read-Only mode until reset.

SPECIFICATIONS

Interface
USB 3.2 Gen 1

Capacities[1]
8GB, 16GB, 32GB, 64GB, 128GB

Connector
Type-A

Speed[2]
USB 3.2 Gen 1
8GB – 128GB: 145MB/s read, 115MB/s write

USB 2.0
8GB: 30MB/s read, 12MB/s write
16GB – 128GB: 30MB/s read, 20MB/s write

Dimensions (drive with sleeve)
80mm x 20mm x 10.5mm

Dimensions (drive without sleeve)
78mm x 18mm x 8mm

Waterproof/Dustproof[3]
Certified to IP57 rating

Operating Temperature
0°C to 50°C

Storage Temperature
-20°C to 60°C

Compatibility
USB 3.0/USB 3.1/USB 3.2 Gen 1

Minimum System Requirements
USB 3.0 compliant and 2.0 compatible

Warranty/support
3-year warranty, free technical support

Compatible with
OS-independent: Microsoft Windows®, macOS®, Linux®, Chrome OS™, Android ™[4] or any system that supports a USB mass storage device.



KINGSTON PART NUMBERS

IRONKEY KEYPAD 200
IKKP200/8GB
IKKP200/16GB
IKKP200/32GB
IKKP200/64GB
IKKP200/128GB

1. Some of the listed capacity on a Flash storage device is used for formatting and other functions and thus is not available for data storage. As such, the actual available capacity for data storage is less than what is listed on the products. For more information, go to Kingston's Flash Memory Guide at kingston.com/flashguide.
2. Speed may vary due to host hardware, software, and usage.
3. Product must be clean and dry before use.
4. Compatible systems.

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