ComX Computers
Product Specification Sheet

FD-K64GiKVP50

Kingston IronKey Vault Privacy 50 Series 64GB USB 3.0 Flash Drive

Product Overview

Kingston IronKey Vault Privacy 50 Series 64GB USB 3.0 Flash Drive, FIPS 197 Certified & XTS-AES 256-bit Hardware Encryption, Multi-password option (Admin / user / One-Time recovery), Locally managed for small and medium businesses, Rugged and waterproof, 250 MB/sec read speed, 180MB/s write speed, iKVP50/64GB



Specifications

Overview:

Kingston IronKey Vault Privacy 50 Series FIPS 197 Certified & XTS-AES 256-bit Encrypted USB Drive for Data Protection
Kingston IronKey Vault Privacy 50 series are premium USB drives that provide business-grade security with FIPS 197 certified AES 256-bit hardware-encryption in XTS mode, including safeguards against BadUSB with digitally-signed firmware and against Brute Force password attacks. VP50 series is also TAA compliant. Because it is encrypted storage under the users physical control, VP50 series are superior to using the internet and Cloud services to safeguard data.

Vault Privacy 50 supports multi-password (Admin, User, and One-Time Recovery) option with Complex or Passphrase modes. This enhances the ability to recover access to the data if one of the passwords is forgotten. Traditional Complex mode allows for password from 6-16 characters using 3 out of 4 character sets. New passphrase mode allows for a numeric PIN, sentence, list of words or even lyrics from 10 to 64 characters long. Admin can enable a User and a One-Time Recovery password or reset the User password to restore data access. To aid in password entry, the "eye" symbol can be enabled to reveal the typed-in password, reducing typos leading to failed login attempts. Brute Force attack protection locks out User or One-Time Recovery passwords upon 10 invalid passwords entered in a row and crypto-erases the drive if the Admin password is entered incorrectly 10 times in a row.

To protect against potential malware on untrusted systems, both Admin and User can set Read-Only mode to write-protect the drive; additionally, the built-in virtual keyboard shields passwords from keyloggers or screenloggers.

FIPS 197 certified and TAA compliant, organisations can customise and configure VP50 series drives with a Product ID (PID) for integration with standard Endpoint Management software to meet corporate IT and cybersecurity requirement through Kingstons Customisation Programme.

Small and Medium Businesses can use the Admin role to locally manage their drives, e.g. use Admin to configure or reset employee User or One-Time Recovery passwords, recover data access on locked drives and comply with laws and regulations

when forensics are required.

- FIPS 197 Certified with XTS-AES 256-bit Encryption
- Brute Force and BadUSB Attack Protection
- Multi-Password Option with Complex/Passphrase modes
- New Passphrase Mode
- Dual Read-Only (Write-Protect) Settings
- Locally Manage Drives for Small and Medium Businesses

Features:

Hardware-encrypted USB Drive for Data Protection
Safeguard important data with FIPS 197 certified XTS-AES 256-bit encryption. Built-in protections against BadUSB, Brute Force attacks.

Multi-Password Option for Data Recovery
Enable Admin, User and One-Time Recovery passwords. Admin can reset a User password and create a One-Time recovery password to restore Users access to data. Brute Force attack protection locks out User or One-Time Recovery passwords upon 10 invalid passwords entered in a row and crypto-erases the drive if the Admin password is entered incorrectly 10 times in a row.

New Passphrase Mode
Select between Complex or Passphrase password mode. Passphrases can be a numeric PIN, sentence with space characters, list of words or even lyrics - from 10 to 64 characters long.

Dual Read-Only (Write-Protect) Settings
Avoid malware attacks with a forced Read-Only mode set by Admin for User or a session-based Read-Only mode set by Admin or User.

Locally Manage Drives for Small and Medium Businesses
Use Admin role to locally manage employee User and One-Time Recovery passwords, recover data access on locked drives and comply with laws and regulations when forensics are required.

Additional Security Features
Reduce failed login attempts and frustration by enabling "eye" button to view password typed. Use virtual keyboard to shield password entry from keyloggers and screenloggers.

Specifications:

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Specifications	
Product Code	FD-K64GiKVP50
Interface	USB 3.2 Gen 1
Capacities	8GB, 16GB, 32GB, 64GB, 128GB, 256GB
Connector	Type-A

Speed	USB 3.2 Gen 1
	8GB - 128GB: 250MB/s read, 180MB/s write
	256GB: 230MB/s read, 150MB/s write
	USB 2.0
	8GB - 256GB: 30MB/s read, 20MB/s write
Dimensions	77.9 mm x 21.9 mm x 12.0 mm
Waterproof	Up to 4 ft, IEC 60529 IPX8
Operating Temperature	0 degreesC to 60 degreesC
Storage Temperature	-20 degreesC to 85 degreesC
Compatibility	USB 3.0/USB 3.1/USB 3.2 Gen 1
Compatible with	Windows 11, 10, 8.1, macOS (v. 10.14.x - 12.x.x)

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page:
https://www.comx-computers.co.za/FD-K64GiKVP50-Kingston-IronKey-Vault-Privacy-50-Series-64GB-USB-3-0-Flash-Drive-p-267555.php

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