



KoalaKey®

REST easy with KoalaKey®

Meeting modern IT needs with one token, one solution

The KoalaKey® is a hybrid solution combining encrypted data, software protection and user authentication together into a single, multi-layered configurable device with easy to use driverless USB operation, physical 5 PIN input and a small form factor.

Backed by software utilities and a network based RESTful licensing solution, the KoalaKey can be used to streamline operations at all levels and does not require subscription to an ongoing 3rd party service. By leveraging industry standards, the KoalaKey is a turnkey solution for both existing multi factor authentication (MFA) and secure USB drive operations. It is currently the only tool in the market that can truly protect against reverse engineering with its onboard software interpreter.

KoalaKey Features

Configurable drives	Software protection	User authentication
Up to 8 drives	Up to 256 unique code modules can be executed on device	Multiple password types: static password, OATH compliant HOTP and custom script output
Configurable drive types: Raw at 70MBps, Encrypted at 25MBps	Well documented example scripts and guides	5 levels of users: Guest, users 1, 2, hidden and administrator
Configurable access: Hidden, Read only, Read and write	RESTful access via provided GumNut server for easy integration and floating license types	Configurable attack detection, response and usage tracking

- **Software protection**
- **Virtual Keyboard**
- **Complete control with User, password, token, data and license management**
- **Proprietary encryption**
- **6 to 15 PIN unlock**
- **Protection against the next generation of cyber attacks**
- **SuperSpeed USB3.0**



KoalaKey Technical Specifications

General

Versions	Everyday Developer Enterprise
Capacity and speed	64, 128, 256 and 512GB at 25MBps/70MBps read and write (encrypted/raw) in optimal conditions
Globally unique and configurable ID	Yes
Software and utilities	GumTree GUI, GumTree CLI, Software scriptor, GumNut
OEM services	Laser engraving, utility customization, custom device reports
Supported number of drives	8 drives with administrator defined user access
Warranty	1 year

Supported Interfaces and Operating Systems

Interface types	USB2.0 or USB3.0 A type: HID (generic, encrypted), HID (keyboard) and MSC (SCSI)
Supported operating systems	Any modern OS: atleast Windows XP, MacOS 10.6, Ubuntu, Android etc. that supports HID and MSC protocols.
Programming languages supported	Any that can perform a HTTP network request to GumNut server.API Library for specific programming languages via HID upon request

Physical Specifications

Colour	Grey
Case material	Metal and plastic
Water proof	With case cover on, water resistant
Tamper protection	Breaks upon forced physical access
Dimensions and weight	66mm x 20mm x 12mm; 23.4g
Storage and operating temperature	-10~85C and 0~70C respectively

Certifications

Environmental and safety certification	RoHS, CE/FCC
Pending certifications	OATH certification, FIPS-140-2, FIDO2

For more details please contact sales@koalakey.com or visit the website at <https://koalakey.com>