



# VeriMark™ Guard 2.1 USB-A Fingerprint Security Key

Part Number: K65050WW | UPC code: 0 85896 65050 8

Biometric  
security,  
simplified.

IT professionals are tasked with the critical responsibility of securing sensitive information against a myriad of evolving threats. Traditional authentication methods often prove inadequate, exposing organisations to risks such as phishing attacks and unauthorised access.

The VeriMark™ Guard 2.1 USB-A Fingerprint Security Key stands out as an ideal choice for two-factor authentication (2FA) solutions, offering robust biometric authentication that meets FIDO2 and CTAP 2.1 standards. VeriMark™ enables secure, passwordless access while enhancing user convenience.

With versatile authentication options and extensive compatibility across leading web services, VeriMark™ Guard empowers IT teams to effectively safeguard sensitive data and streamline security protocols.

- Works with Windows 11, Windows 10, macOS and ChromeOS
- Supports Chrome, Edge, Firefox and Safari
- FIDO2 and FIDO U2F certified
- Supports CTAP 2.1 protocol
- Match-in-Sensor™ fingerprint technology
- Encrypted end-to-end security with 2% FRR and 0.001% FAR
- Compact design
- Supports GDPR, BIPA and CCPA compliance
- Passkey compatibility with Microsoft, Google and Apple
- Supports ISO/IEC 27001 Annex A controls
- 2-year limited warranty

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### Cross-Platform Compatibility

Designed for Windows 11 and fully compatible with Windows 10, this security key supports popular browsers such as Chrome, Edge, Firefox and Safari, while also offering cross-platform compatibility with macOS and ChromeOS via Tap-and-Go.



### FIDO2 and FIDO U2F Certified

Offers a wide variety of authentication options, supporting FIDO2 biometric services and FIDO U2F functionality. It provides strong passwordless access, along with dual and multi-factor authentication, including convenient Tap-and-Go support. Additionally, it can store up to 10 fingerprints.



### Supports CTAP 2.1 Protocol

Provides enhanced protection and a seamless login experience. With advanced security protocols, streamlined credential, PIN management and enterprise-ready features such as device attestation, VeriMark™ supports security while simplifying authentication and eliminating the need for passwords. Backwards compatible with CTAP 2.0.



### Encrypted End-to-End Security with Match-in-Sensor™ Fingerprint Technology

Delivers exceptional biometric performance and 360° readability, featuring advanced anti-spoofing technology, exceeding industry standards with a 2% false rejection rate (FRR) and a 0.001% false acceptance rate (FAR).



### Compact Design

Designed for portability, VeriMark™ includes a cap to protect the security key when not in use.



### Supports GDPR Compliance

Aligns with cybersecurity measures consistent with key privacy laws and regulations, including GDPR, BIPA and CCPA.



### Passkey Compatible with Microsoft, Google and Apple

Convenient and secure passwordless sign-in with Passkeys, delivering the strongest protection against unauthorised access.



### ISO/IEC 27001 Annex A Controls

Can mitigate the risks to your organisation regarding data confidentiality, integrity and availability, supporting compliance with Annex A 7.7 and 7.9 controls to protect sensitive information.

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### System Requirement

Operating Systems Supported	Windows 10, Windows 11, macOS, ChromeOS, and iOS 13.5.1 or above
Plug & Play	No driver needed
Fingerprint Registration	Register fingerprint in Windows 10 version 1903 or later
FIDO2 Web Authentication	Windows 10, Windows 11, macOS and ChromeOS
Browser Compatibility	Edge, Chrome, Firefox, Safari

### USB Interface

Connector	USB-A
Host Connector	Supports USB 2.0/3.0 type A

### Security

Secure Fingerprint Match-in-sensor	Synaptics FS7600
USB Data Encryption	AES-256/SHA-256
Secure Session Establishment	SSLv3
Secure Communication	TLS 1.2
Key Exchange, Authentication, and Data Validation	RSA-2048 Public Key Cryptography
False Rejection Rate (FRR)	2%
False Acceptance Rate (FAR)	0.001%

### LED Indicator

White LED	Light on: Request fingerprint for login Blinks 1 time: Correct fingerprint recognised Light off: Standby mode
Red LED	Blinks 3 times: Error & Incorrect fingerprint scanned

### Product Dimensions

Unit Dimensions	15 x 30 x 8.5mm (0.6 x 1.18 x 0.33")
Unit Weight	5g (0.18oz)
Unit Dimensions (Main Body)	15 x 22.5 x 8mm (0.6 x 0.9 x 0.31")
Unit Weight (Main Body)	3g (0.10oz)
Unit Dimensions (Cap)	15.2 x 27.2 x 8.5mm (0.6 x 1.07 x 0.33")
Unit Weight (Cap)	2g (0.08oz)
Enclosure Colour and Material	Zinc Alloy
USB Cap	Black PC/ABS

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### Packaging Dimensions

Packaging Style	Retail Box
Packaging Dimensions	80 x 20 x 134mm (3.15 x 0.78 x 5.28")
Packaging Weight	36g (0.08lbs)
Master Carton	5pcs
Packaging Content	VeriMark™ Guard USB-A Fingerprint Key VeriMark™ Guard USB-A Protection Cap Welcome Insert Warranty Information

### Power & Environmental

Power Imaging	100mA @ 5V
Power Standby	330µA @ 5V
Relative Humidity	5% to 95% Non-condensing
Operating Temperature	0 to 45°C (32 to 113°F)
Storage Temperature	-40 to 85°C (-40 to 185°F)

### Country of Origin, Regulatory and Warranty

Country of Origin	Taiwan
Warranty	2-Year Limited – worldwide
Certifications and Compliance	FCC, CE, RCM, REACH, WEEE, RoHS, VCCI



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