

HF | NFC - Security Key ACS - PocketKey+

- ISO/IEC 14443 Type A compliant
- FIDO® certified hardware authenticator
- MFA and 2FA support
- Supports up to 200 resident keys
- USB HID interface with plug-and-play operation



HF | NFC - Security Key Hardware-Based Passwordless Authentication

The PocketKey+ from Advanced Card Systems Ltd. is a secure hardware authentication key designed to enable passwordless login and strong multi-factor authentication across enterprise, government and cloud environments. Supporting FIDO U2F and FIDO2 standards, the device eliminates the risks associated with static passwords, including phishing and credential theft.

With integrated NFC and USB Type-C connectivity, the PocketKey+ provides flexible authentication across desktops, laptops and mobile devices. Its EAL6+ certified secure element stores cryptographic credentials safely on the device, ensuring that private keys never leave the hardware.

Designed for ease of use and maximum security, the PocketKey+ enables organizations to deploy scalable, standards-based authentication while improving user convenience and protecting digital identities.

Common Applications

- Enterprise user authentication
- Passwordless workstation login
- Banking and financial services authentication
- Healthcare system access
- Government identity systems



TECHNICAL SPECIFICATIONS

Host Interface

Protocol	USB HID
Connector Type	USB Type-C
USB Interface	USB 2.0 Full Speed (12Mbps)
Power Supply	USB Port & NFC
Current Consumption	Max. 100 mA

NFC Interface

ISO 14443 Type A	Support
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Security Features

Authenticators	FIDO U2F
	FIDO2 (CTAP2.1)
Resident Key Storage	200

Certifications/ Compliances

Standards	FIDO U2F, FIDO2 L1
Regulatory/Environmental	CE, FCC, VCCI, UKCA, RoHS, REACH

Physical Characteristics

Dimension (L x W x H)	35mm (L) × 18mm (W) × 7.8mm (H)
Weight	4.2 g ± 1.0 g
Available Colour(s)	White

Peripherals

LED	Blue
User Interface	Mechanical Switch for Presence Validation

Operating Conditions

Temperature	0 - 65°C
Humidity	Max 95% (Non-Condensing)
MTBF	600,000 Hours

OS, Browser & Platform Support

Supported OS	Windows®, Linux®, macOS, Android™ and iOS
Supported Browsers	Chrome™, Safari®, Microsoft Edge® and Firefox®
Supported Platforms	Microsoft®, Apple ID®, iCloud®, Facebook and Google®
Key Manager	Support

Model/ Part Number

Default [Type-C Protective Cap and loop string included]	AFD03-A2
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