



FAST IDENTITY ONLINE [FIDO®]

PocketKey NFC Card

SECURE & CONVENIENT

ACS's **PocketKey NFC Card** provides users the experience of secure and swift **passwordless online login**. It allows individuals, enterprises and government-scaled agencies to substitute passwords with **multi-factor authentication or two-factor authentication**, reducing reliance on static passwords.

The PocketKey NFC Card is **certified by the FIDO Alliance [FIDO®]** and is compliant with **FIDO U2F and FIDO2** protocols. The card's cryptographic security module terminates any likelihood of phishing, password/identity theft and repetitive attacks. User tracking can also be prevented by storing FIDO cryptographic keys on-device and creating unique keys for each website.

The PocketKey NFC Card is also compatible with operating systems such as **Windows®, Linux®, macOS, iOS and Android™**, as well as major web browsers: **Chrome™, Safari®, Microsoft Edge® and Firefox®**.



KEY FEATURES

✔ Security Features

- Authenticators
 - FIDO U2F
 - FIDO2 (CTAP2.1)
- Security Module
 - Cryptographic Security Module (EAL6+)

✔ Reliable

- FIDO® Certified
 - FIDO U2F
 - FIDO2 L1

✔ Compatible

- Supports All Major Operating Systems
 - Windows®, Linux®, macOS, iOS and Android™
- Accommodates All Major Web Browsers
 - Chrome™, Safari®, Microsoft Edge®, and Firefox®

✔ Customization

- Colour Printing

COMMON APPLICATIONS

- Enterprises
- Financial Services & Payments
- Telecom & Mobile
- Government
- Healthcare & Insurance



TECHNICAL SPECIFICATIONS

Physical Characteristics

Dimensions	ISO/IEC 7810 ID1 Full Size Card
Colour Printing	Customizable

Communication Interface

ISO 14443 Type A	Support
ISO 7816 1/2/3	Support

Cryptographic Specifications

Cryptographic Specification	ECC p256
Resident Key Storage	200

Security Features

Authenticators	FIDO U2F
	FIDO2 (CTAP2.1)

Certifications

System/Standards	FIDO U2F, FIDO2 L1, EAL6+ (Chip level)
Regulatory/Environmental	RoHS, REACH

Other Features

Enterprise Attestation	Upon Request
TOTP/HOTP	Support

OS and Browser Support

Supported OS	Windows®, Linux®, macOS, iOS and Android™
Supported Browsers	Chrome™, Safari®, Microsoft Edge®, and Firefox®
Key Manager	Support

Model/Part Number

Card	AFD02-P1 (Default: no printing)
Evaluation Kit	EVK-AFD02

macOS and Safari® are registered trademarks of Apple Inc., registered in the U.S. and other countries.

Windows® is a trademark of Microsoft Corporation in the United States and/or other countries.

Android™ and Google Chrome™ are trademarks of Google LLC.

Linux® is the registered trademark of Linus Torvalds in the U.S. and other countries.

Firefox™ is a trademark of the Mozilla Foundation in the U.S. and other countries.

The fido, fido ALLIANCE, and fido CERTIFIED Logo Trademark are trademarks of FIDO.

About ACS

Advanced Card Systems Ltd. (ACS), founded in 1995, is Asia Pacific's top supplier and one of the world's top 3 suppliers of PC-linked smart card readers. ACS is the winner of the Product Quality Leadership Award for Smart Card Readers from Frost & Sullivan. ACS was listed in Forbes Asia's "Best Under a Billion" list for several years, an inter-industry list comprised of 200 top-performing publicly listed companies in the Asia-Pacific, with sales between US\$5 million and US\$1 billion. ACS develops a wide range of high-quality smart card reading/writing devices, smart cards and related products and distributes them to over 100 countries worldwide.

Click [here](#) for Sales Enquiry

Tel: +852-2796-7873

Fax: +852-2796-1286

