AUTHENTICATION PORTFOLIO

FEITIAN
WE BUILD SECURITY

FIDO U2F Security Key

U2F refers to the Universal Second Factor protocol proposed and powered by FIDO alliance. FIDO U2F allows users to easily use multiple online applications without any driver, software or client pre-installed. For online services, it enhances the security of existing password infrastructure by adding a strong second factor to the user's login.

FEITIAN ePass FIDO® Security Key is a device that goes beyond traditional two-factor authentication systems.

With the rise of personal security awareness, more and more people are motivated to secure their accounts by activating the 2-step Verification feature. In this, FEITIAN ePass FIDO® Security Key provides an additional security layer beyond your password when you access your account. By linking your account to ePass FIDO® Security Key, even if your username and password is stolen, hackers cannot get into your account without being in possession of your security key.

FIDO U2F certified security key which works on 3 different interfaces: USB Type-C / Micro USB, NFC, and Bluetooth.

Supports Windows, Linux, macOS on PC, and Android, iOS on mobile devices.

Google Advanced Protection Program recommended security key.

MultiPass FIDO®
BLE + NFC + USB

Protects your accounts from phishing and other cyber-attacks

Rechargeable battery

One key for multiple accounts

USB, NFC, BLE, three interfaces

Works on all major platforms

FIDO U2F certified security key that works over both USB and NFC. Java Smartcard embedded. Multiple applets supported (HOTP, GIDS, Windows Hello).

Works on Windows, Linux, and Mac OS seamlessly without driver over USB, and Android over NFC sensor. Super thin design with IP67 water resistance.
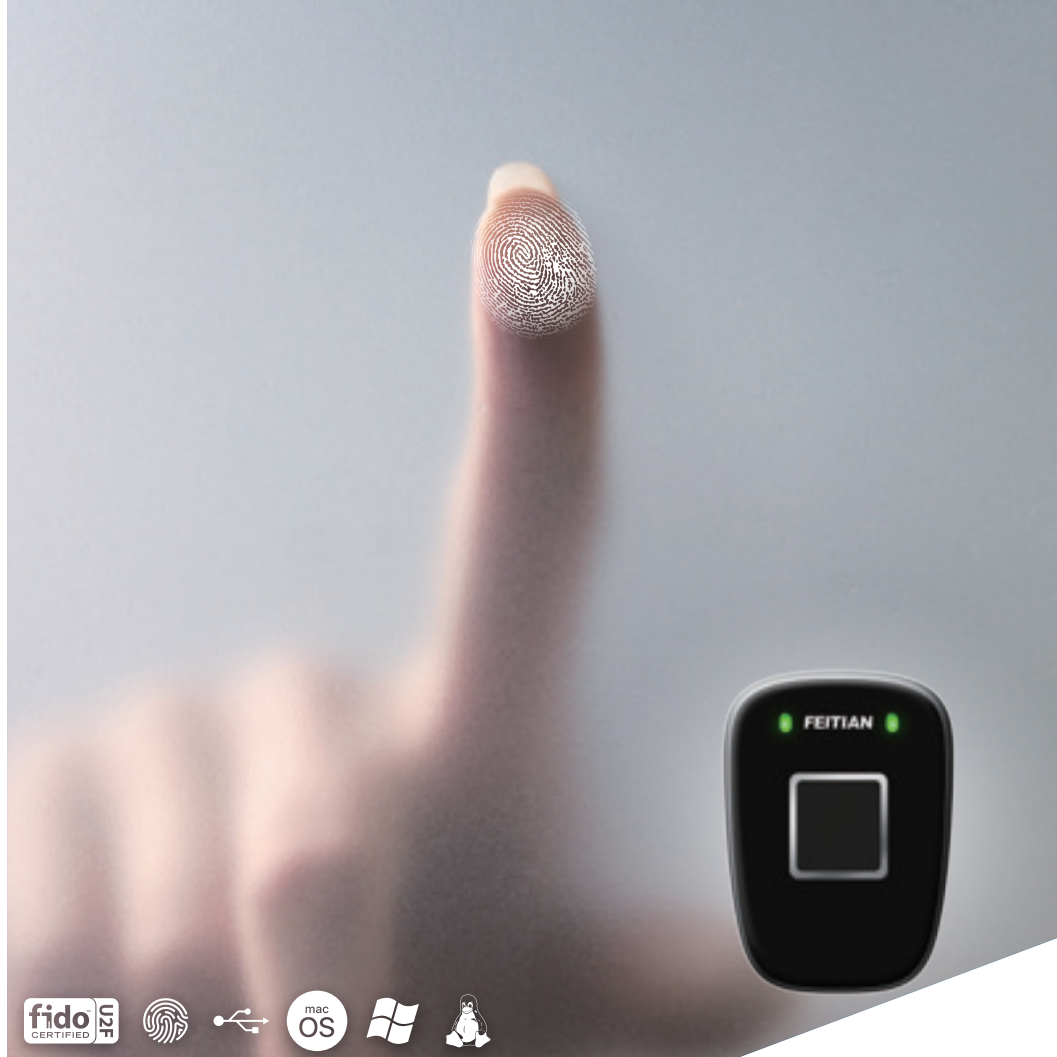
ePass FIDO® -NFC
NFC + USB

Protects your accounts from phishing and other cyber-attacks

IP67 water resistant

One key for multiple accounts

USB & NFC dual interfaces

Java Smartcard

FIDO U2F certified security key with additional biometric authentication factor.

Works on Windows, Linux, and macOS seamlessly without driver over USB.

Complete offline fingerprint authentication, protects both your accounts and fingerprints from attacks.

BioPass FIDO®
Biometric

Protects your accounts from phishing and other cyber-attacks

Second layer biometric authentication

One key for multiple accounts

FIDO U2F certified security key with USB Type-C port and compact body which fits on a key-chain or mounted in a spare USB Type-C port on your PC.

Works on Windows, Linux, and macOS seamlessly without driver over USB Type-C.

Full FIDO U2F function plus optional OATH HOTP.

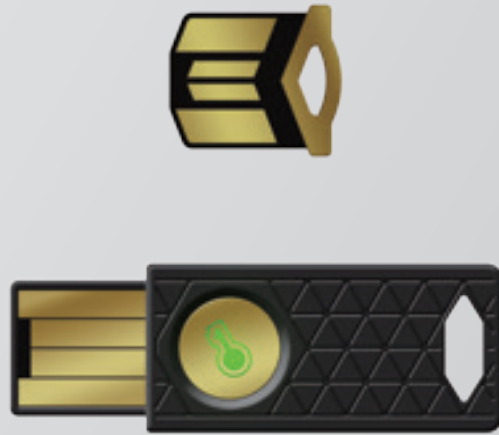＊Not applicable for smartphones.

ePass FIDO® UC
USB Type-C

Protects your accounts from phishing and other cyber-attacks

Compact & durable design

One key for multiple accounts

USB Type-C port

Metal case

Basic and reliable FIDO U2F certified security key.

The most cost-effective access to experience the high-level security provided by FIDO U2F authentication solution.

Works on Windows, Linux, and macOS seamlessly without driver over USB.

Full FIDO U2F function plus optional OATH HOTP.

ePass FIDO®
Standard USB

Protects your accounts from phishing and other cyber-attacks

Compact & durable design

One key for multiple accounts

Competitive price

FIDO2 Security Key

FIDO2 is a specification proposed and powered by FIDO Alliance. FIDO2 presents a strong passwordless user authentication framework without compromising user experiences. In FIDO2, the password is replaced by FIDO2 credentials which protect user from phishing, replay attack and server breach attacks. With a simple touch, users can authorize the use of FIDO2 credentials to achieve convenient authentication.

For enterprises who have shared PC environments, FEITIAN BioPass FIDO2 Security Keys provide a more seamless way for employees to authenticate without username and password. BioPass FIDO2 brings lower IT management costs, provides improved productivity and enhanced security and privacy.

The security chip embedded in BioPass FIDO2 Security Key includes an advanced security architecture which was designed and developed to encrypt, store and protect your fingerprint data.

FIDO2 Certified biometric security key that works seamlessly on Windows, Linux, and macOS without driver needed.

Offline biometric authentication, fingerprint information never leaves the device. Private information protected by security chip and advanced security infrastructure.

Recommended by Microsoft as Security Key for Windows Hello.

BioPass FIDO2
Biometric + USB

Passwordless Authentication experience

High-performance FPC fingerprint sensor

Compact & durable design

USB-C available

FIDO2 Certified

Biometric FIDO2 security key plus NFC function, designed for smartcard reader environment.

Fingerprint information never leaves the key.

Secure element protects privacy information.

BioPass FIDO2-NFC
Biometric + NFC + USB

Passwordless Authentication experience

High-performance FPC fingerprint sensor

Compact & durable design

USB plus NFC

Ultimate FIDO2 authentication solution with USB / NFC / BLE and Biometric verification that meets most authentication scenario.

High-performance security chip ensures a smooth user experience. Fingerprint information protected by secure element and never leaves the device

AllinPass FIDO2
Biometric + BLE + NFC + USB

Passwordless Authentication experience

Multi-Interface with biometric

Compact & Durable design

Flexible using scenarios

Power Card

Power Cards are security solutions in ISO standard card form factor and are able to combine various security functions into one card which may include:

- 2FA such as OTP authentication;
- PIN protected banking card;
- Dynamic CSC (Card Security Code such as CVV) for credit cards;
- BLE for IoT;
- Matrix screen for QR code;
- Biometric authentication like fingerprint.

For Power Cards FEITIAN also provides services like card personalization, applet developing, card design customization as well as a strong experience in card manufacturing.

Bring your own idea and we will help you build a card form factor security solution.

Biometric on card, with the flexible biometric sensor and the strong matching chip embedded.

Fingerprint storage and matching is conducted inside SE, therefore the fingerprint data will never leave the card.

FEITIAN Fingerprint card is the perfect combination of portability and security for payment and access control.

Fingerprint Card
Biometric

Flexible fingerprint sensor

Fingerprint matching algorithm

High recognition rate and false rejection rate

To fight fraud, FEITIAN DIC (Dynamic Identification Code) Power Card provides a solution that allows user full control of their credit card information. The security code on the card will change for a fixed period of time and then user may use the button to switch it off to avoid detection.

DIC Card
Dynamic CSC

Compatible with major Card Security Code including CVV, CVC, CVN etc.

Button / button-less, display time customization

Embossing, hologram and magnetic stripe available

The only FIDO2 contactless fingerprint card available in the market.

Designed for enterprise systems, provide wireless fingerprint enrollment and authentication experience

Fingerprint FIDO2 Card
Biometric

Passwordless Authentication experience

Wireless fingerprint enrollment

Contactless authentication experience

Customization

BLE FIDO® Card is a card shape FIDO security key. It has full FIDO authentication functions and the flexible rechargeable battery supports for several hours work before recharge.

BLE FIDO® card provides an option for FIDO users and can be combined with enterprise's employee card with proper customization.
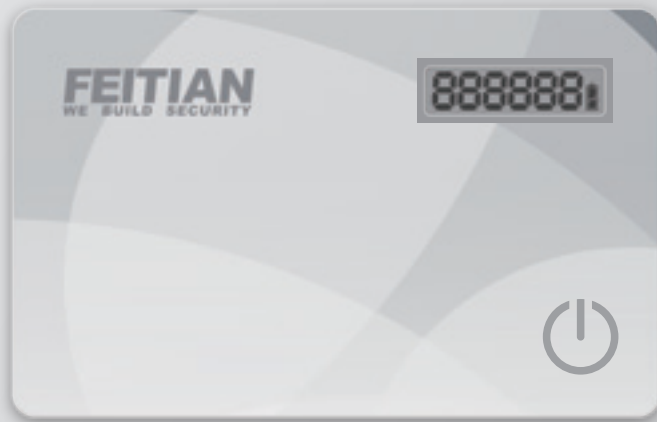
BLE FIDO Card
BLE with FIDO U2F Applet

Flexible rechargeable battery

Full FIDO functions available

FIDO authentication device for mobile platforms like Android and iOS

Customization and combination available

VC series is a product for OTP 2FA authentications.

It fully supports OATH algorithms and is easy to use.

It is flexible and suitable for account access control, employee management, online transaction signing etc.

VC series
OTP Token Card

OATH HOTP, TOTP, Challenge / Response

Flexible battery inside, 3-5 years lifetime

IP68 level waterproof and dustproof

Additional services such as seed managing system are available

Mini size available, easy to carry

EC series is the next generation banking card.

With PIN pad, flexible digital screen and secure chip inside, users are able to protect their card, checking their transaction history and e-wallet balance just on the card.

The smart card chip also enables user to develop and download various applets to the card.

EC series
Chip Embedded OTP Card

NXP secure element embedded

Open to customization, client may bring their own chip to the design process

E-wallet, balance check, PIN protection, transaction history function

Mulca enables the card issuer the ability of instant card issuance. Multiple cards exist in one Mulca to implement different needs with great flexibility.

With bluetooth, Mulca can be easily connected to a smartphone, while mobile App based financial / operation service platforms can be provided for financial and card organization.

Mulca offers a wide range of financial and non-financial card issuers a convenient and flexible instant card issuance platform, effective costs reduction and customer base expansion.

Mulca
Instant Issuance

Stores multiple cards into one card

Bluetooth interface for easy management on smartphones

Easy to customize with a high development potential

One Time Password Authentication

One Time Password (OTP) describes a six or eight-digit numbers shown on a screen generated by a small key-ring like security token, or a smartphone. The password is only valid once for a fixed period of time. OTP is the perfect replacement or supplements for static password. It is secure and at the same time easy to deploy and use.

FEITIAN, as a contributing member of the Open Authentication (OATH) Consortium, is a leading security product provider and a pioneer of information security device. We provide all kinds of different OTP tokens (HOTP, TOTP, Challenge / Response, Voice, etc.) which could be integrated into any OATH compliant validation server. FEITIAN also offers excellent branding and customizations of the token.

FEITIAN OTP c200 is a Time-based One Time Password (TOTP) token with crystal-look injection molded casing, making this single button OTP token water and shock proof.

OTP c200 tokens are OATH compliant, which can serve as a seamless hardware solution for any organization.

OTP c200
Single Button

OATH compliant Time / Event-based OTP token

Low-battery indicator

6-digit high contrast LCD display with count-down timing bar

Up to 5 years of battery lifetime

Flexible customization options

IP68 with glue injection

FEITIAN OTP c300 OCRA token supports multiple applications such as HOTP, TOTP, Challenge / Response and Signature.

With built-in PIN protect function, OTP c300 prevents identity theft, fraudulent use, as well as identity fraud effectively.

OTP c300 is able to generate a OTP or a signature offline, and could be widely used in many industries like online-banking, access control, etc.

OTP c300
Transaction Signature
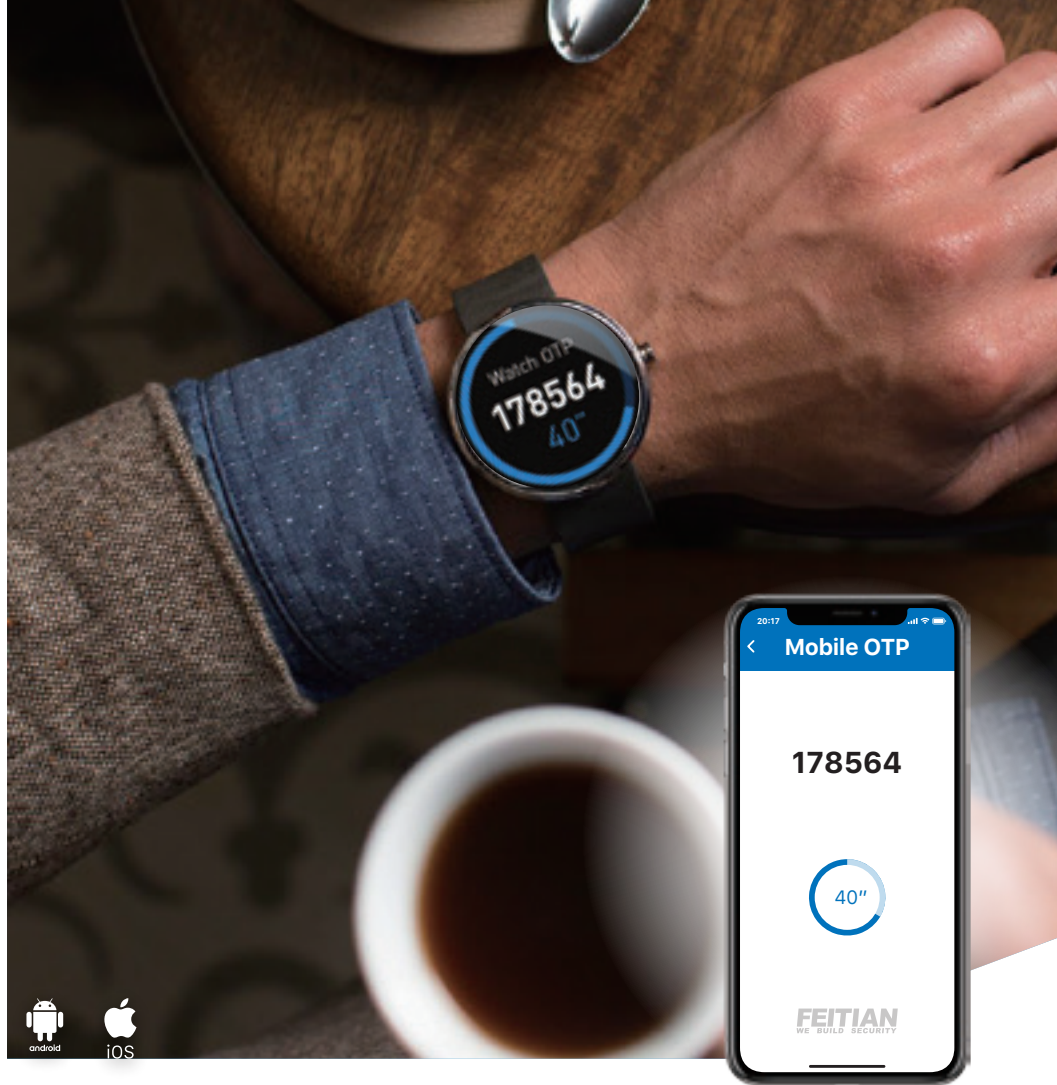
Keypad with PIN protection

Support up to 3 applications (HOTP, TOTP, Challenge / Response)

Programmable retry times of wrong PIN self-lock

128×32 dot high contract LCD display

Up to 5 years of battery lifetime

Flexible customization options

FEITIAN Mobile OTP App supports common authentication by one-time password (HOTP or TOTP), Challenge / Response authentication, and signing a transaction.

By using Feitian Mobile OTP together with FEITIAN OTP Authentication Server (FOAS), organizations will be provided with an easy to use, secure, stable and cost-effective two-factor authentication solution.

Supports iOS and Android

Supports up to 3 applications (HOTP, TOTP, Challenge / Response)

One Mobile OTP App with multiple accounts

Touch ID and gestures password

Jailbreak / Root Detection, Device binding

Push notification

Cost effective and flexible customization options

OTP App
for Mobile Devices

Digital Certificate Based PKI Authentication

FEITIAN ePass PKI Token is the world's foremost cryptographic identity verification module. ePass PKI Token provides a host of indispensable protective measures for digital communication and transaction through Public Key Infrastructure (PKI) data encryption technology. ePass is a smart-card chip based token with a convenient USB insert rendering the device operable with almost all computers without the need for a reader, also contains various model, bluetooth, biometric and embedded screen.

ePass PKI Token has been adopted and used successfully in a wide range of different industries from small / medium and large enterprise, government and finance. The production capabilities to fulfill such a dynamic clientele allow FEITIAN to tailor each order to fit the needs of a particular customer; orders can be customized with a specific logo and / or colour scheme to suit the project at hand.

As a standard two factor authentication solution ePass2003 can secure local and remote desktop and network log-on. Key cryptography and the digital signing of emails, documents, and transactions are performed onboard in the secure token framework which is impervious to aftermarket modification and manipulation.

FIPS 140-2
LEVEL 3
VALIDATED

ePass
Standard USB

FIPS 140-2 level 3 certified

Support Windows, Linux and macOS

Microsoft Crypto API (CAPI)
Cryptography API: Next Generation (CNG)

Microsoft Smart Card Minidriver

PKCS#11

PC / SC

TokenD

BePass2003 is a smart card chip based PKI token with bluetooth BLE supported. It provides comprehensive protection for digital certificate with full PKI functions, RSA key pair generation, signing & verification, encryption & decryption.

With bluetooth BLE technology, BePass2003 connects to iOS and Android devices wirelessly, making it the best multiple-factor authentication solution of mobile world.

Bluetooth BLE

Supports iOS and Android, Windows, Linux and macOS

Microsoft Crypto API (CAPI),
Cryptography API: Next Generation (CNG)

Microsoft Smart Card Minidriver

PKCS#11

PC / SC

TokenD

BePass
BLE + USB

BioPass2003 is an advanced PKI token with embedded USB cable, the addition of a fingerprint module brings improved security for BioPass2003. Users don't need to remember the user PIN but only use their fingers during the authentication. It represents a new balance between security and convenience for traditional PKI tokens.

BioPass
Biometric

Supports fingerprint authentication
(Available only on Windows for now)

Supports Windows, Linux and macOS as standard PKI

Microsoft Crypto API (CAPI),
Cryptography API: Next Generation (CNG)

Microsoft Smart Card Minidriver

PKCS#11

PC / SC

TokenD

Interactive Authentication with Bluetooth communication in mobile platform: Sign what you see and see what you sign, making it The best security solution for online banking. Physical buttons and build-in screen to display transaction messages. It allows high trasparency for each transaction and enabled user control with the buttons.

bInterPass

BLE + Display

Embedded screen and buttons for interactive authentication

Supports Windows and Mac, iOS and Android

Microsoft Crypto API (CAPI),
Cryptography API: Next Generation (CNG)

PKCS#11

TokenD

Blockchain & Cryptocurrencies

FEITIAN JuBiter cryptocurrency wallet is a product with FEITIAN's own independent intellectual property rights. 20-year experiences on developing hardware-based encryption devices guarantee the high-level security and usability.

With FEITIAN JuBiter wallet, users' cryptocurrency accounts will no longer need to be stored on an attackable server or PC. The key is stored in the hardware secure element. The private key is not retrievable. JuBiter wallet also supports additional development on the kernel applet. Customers can develop applets for other digital currencies.

JuBiter Blade is the first model of JuBiter hardware cryptocurrency wallet product line. It is aiming to offer extreme security for protecting crypto assets without sacrificing much on usability. JuBiter Blade employs CC EAL6+ secure element working with dual data communication interfaces (USB + BLE) to offer secure cryptocurrency transactions for all major platforms.

JuBiter Blade
BLE Cryptocurrency Wallet

Bluetooth

Secure JAVA OS

CC EAL 6+ Infineon SE

Single SE Centralized Design

Isolated Offline Wallet Recovery

Besides the basic functions of a hardware Bitcoin wallet, FEITIAN CoinPass Bio employs additional biometric module for an additional layer of security on the wallet. CoinPass Bio verifies the user's identity before proceeding with any transaction.

CoinPass Bio
Biometric + USB

Fingerprint verification

Multiple virtual currencies supported

Multiple transaction standards supported: P2PKH, P2SH-MultiSig, P2WPKH, P2WPSH-MultiSig, P2SH-P2WPKH, P2SH-P2WSH-Multisig

Standard BIP protocols

Smart Card Reader

FEITIAN Smart Card Reader portfolio and solutions provide daily convenience and security to over hundreds of millions of financial institution, telecom, government and leading business enterprise customers all over the globe.

FEITIAN Smart Card Readers support plug and play, and conform to ISO 7816, ISO 14443, Felica®, Mifare®, VHBR and other mainstream protocols. Fingerprint as strong authentication factor is also supported in our smart card reader product portfolio. In order to cater to different platforms, we support Bluetooth, Lightning connector, USB, OTG and Audio jack as communication interface.

All FEITIAN Smart Card Readers conform to EMV, ICAO, CCID, NFC, CE, FCC, BSMI, TELEC, MFi, OTG and other global specifications. For mobile users, we have our mobile card reader products, where users can work with our device to access enterprise, government and banking security resources, in order to improve portability and work efficiency.

bR301 is based on IAP protocol (Apple MFi). It supports IAP features which have great user experiences in IOS, furthermore, based on Bluetooth wireless communication interface, we have developed SDK for Android platform. On Windows platform, we have driver which allows to use the reader with Bluetooth connection, and throw away the cable.

bR301 Smart Card Reader suits customers with high security concerns and satisfies the demand for a flexible solution for ID authentication, e-commerce, e-payment, information security and access control.

Made for
iPod iPhone iPad

EMVCo
APPROVED

android

iOS

mac OS

Mobile and wireless work space

800mAh replaceable and rechargeable battery

Multiple interface with USB and Bluetooth support

EMV Level 1 certified

MFi certified

ISO 7816 standard, ID-1 card support

Supports Android(USB+Bluetooth), iOS(Bluetooth), Linux(USB), macOS(USB), Windows(USB+Bluetooth)

bR301
Bluetooth Contact Reader

fR301BLE
BLE Biometric Reader

FEITIAN fR301BLE fingerprint reader has been designed with convenience and security in mind. It supports two interfaces, Bluetooth and USB. The reader has one ID-1 size chip card slot, one contactless area on top, and two SAM support on bottom. Further it has integrated a strong fingerprint sensor and four LEDs which inform the user about the status of reader / card / biometric sensor. This provides total security for the customer.

fR301BLE fingerprint reader enables developers to integrate smart card applications for higher security and flexibility on all mobile and PC platforms through Bluetooth or USB connection.

Bluetooth dual-mode, Supports Bluetooth 3 / 4 (optional)

Compliant with PC / SC, CCID Standards

Supports ISO-7816-1 / 2 / 3 T=0 and T=1, Class A, B and C Cards

Supports ISO-14443 standard card, include Type A, Type B and Mifare classic card

Rechargeable battery

Supports Anti-reverse engineering, self-protection

Photoelectric hybrid fingerprint sensor

bR500 which is CCID and PCSC standard product, is based on Bluetooth Smart technology and supports iOS, Android, Windows, Linux and macOS platforms. It is compact, light and easy to operate, with 4 LEDs to inform the user about the status of card and reader. Conforms to global contactless standard ISO 14443 protocol, supports Type A, Type B, and Mifare® protocol card.

bR500 Smart Card Reader suits customers with high security concerns and satisfies the demand for a flexible solution for ID authentication, e-commerce, e-payment, information security and access control.

World's lightest Bluetooth reader with compact design

Market's first CCID Bluetooth driver on Windows, enabling you BLE reader to work with PC wirelessly

Low power features, the reader turns off automatically after 3 mins in the absence of data communication in order to save battery

Universal product on both functionality and performance level with worldwide certifications

Supports ISO 7816-1, 2, 3, 4

Over a week of battery life

bR500
BLE Contactless Reader

iR301-U is specially engineered to accommodate a range of smart card applications. Developers use it as a platform to generate and deploy related products and services. Moreover, iR301-U is a terminal unit which is seamlessly integrated to all major systems of operation. Additional features such as the built-in inclusive support for different smart card interfaces has facilitated the wide scale and cross industry adoption of iR301-U

iR301-U Smart Card Reader suits customers with high security concerns and satisfies the demand for a flexible solution for ID authentication, e-commerce, e-payment, information security and access control.

iR301-U
Designed for Apple

Enable your Mobility, bring you own device

The perfect mix of design and performance

Compliant with PC / SC, CCID Standards

Support ISO-7816-1 / 2 /3 T=0 and T=1 Protocol

Support ISO-7816 Class A,B and C Cards

Support DUKPT encryption

MFi certified

EMV Level 1 certified

R301 series Smart Card Reader is a kind of high-speed contact smart card reader, which is used for PC environment or relevant smart card environment. It is compliant with standard CCID specification and USB 2.0 interface (also the USB 1.1 interface).

R301 series Smart Card Reader can operate all CLASS A, CLASS B and CLASS C smart cards which are compliant with ISO 7816-1/2/3. The standard size IC card which is compliant with ISO 7816-3 can be supported as well. As the mandatory processing device of smart card integrated systems, R301 reader can greatly increase the security of the whole application. It can be widely used in financial sources, social security, telecom, online-banking, e-business, authentication, e-government and other CPU based high level security card application fields.

Compact, ease of use, cost-effective smart card reader for PC

Supports ISO 7816 Class A, B and C card

Supports ID-1 Size card

Plug and play

Supports standard SIM card, Micro SIM and Nano SIM with adapter (R301SIM)

R301 series
Desktop Contact Reader

R502 series Smart Card Reader is a dual-interface / Contactless Smart Card Reader based on CCID driver. It supports not only contact cards compliant with ISO 7816 but also contactless cards compliant with ISO 14443 and contactless cards following Mifare® standard. It also provides SIM card slots for many kinds of smart card applications and SAM slots suitable for GSM 11.11 cards.

R502 is a terminal interface device for smart card applications and system integrations. With support for smart cards using different interfaces, R502 can be widely used in industries or applications requiring electronic payment and authentication, especially suitable for the high security fields. It is an optimal solution for authentication, e-commerce, financial organizations, access control etc.

One reader for all – A combination of contactless and contact smart card reader

Supports two GSM 11.11 standard SIM size card, one ID-1 size contact card and one contactless card

Plug and play

Support ISO 7816, 14443, Felicia®, Mifare® standard

Flexible OEM reader module, logo and packaging

R502 series
Desktop Dual-Interface / Contactless Reader

VR504 Smart Card Reader supports the world's fastest electronic passports (ePassports), which implements the state-of-the-art VHBR (Very High Bit Rates) contactless technology required in ICAO (International Civil Aviation Organization) LDS 2.0 Standard.

The VHBR protocol improves the stability of contactless communication between the electronic passport and the corresponding reader, and enables eight times faster contactless processing speed by electronic readers. Passport data can be read at fastest speed by contactless readers at electronic checkpoints.

VR504
VHBR Reader

Baud rate 106kbps to 6.8Mbps

Support all 13.56 MHz clock card frequency (VHBR, ISO 14443 Type A and B, Mifare® standard, Felica®)

Industry's first VHBR CCID reader

NOTES

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About FEITIAN

Founded in 1998, FEITIAN Technologies has been dedicated into the leading provider of strong authentication and digital security solution. The company consistently ranks as the top security supplier in China and its expertise spans online identity to payment transaction to mobility security, enabling secure and trust digital services anytime and anywhere. Globally, FEITIAN has over 1000 employees and more than half of which are focusing on Research and Development. FEITIAN's international business served customers in over 150 countries.

www.ftsafe.com

FEITIAN
WE BUILD SECURITY

FTCI187