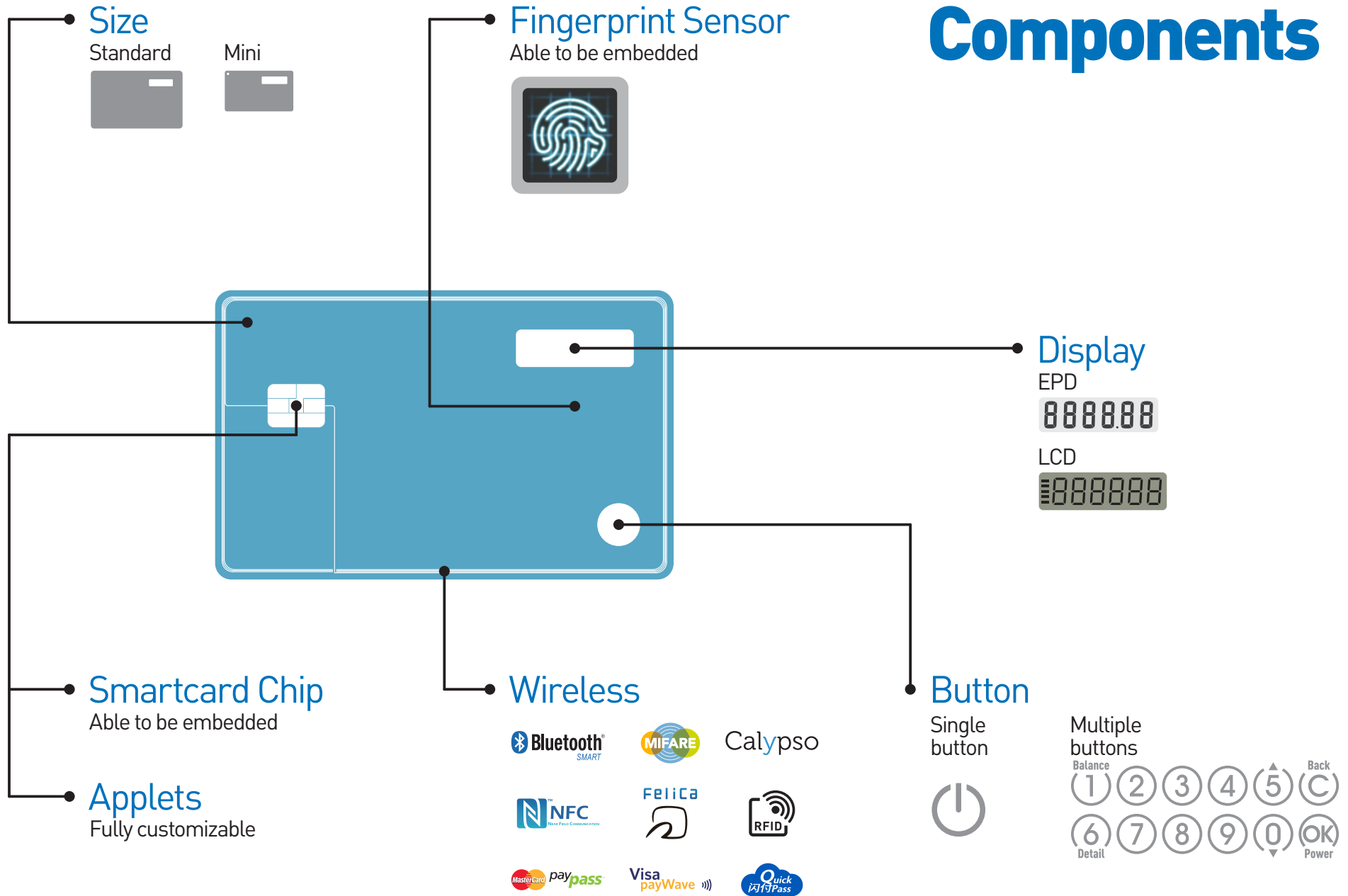# POWER CARD

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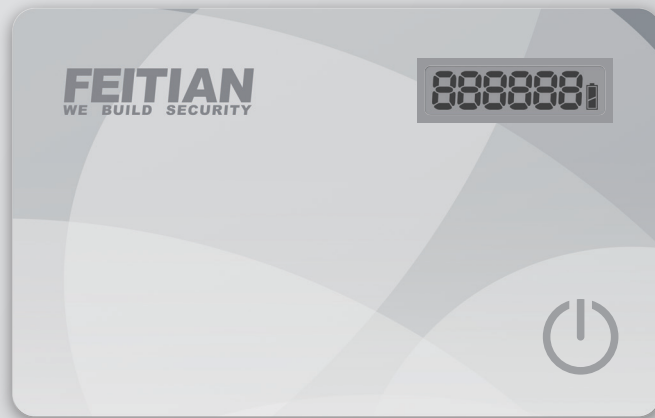
- 2FA such as OTP authentication;
- PIN protected banking card;
- Dynamic CSC (Card Security Code such as CVV) for credit cards;
- BLE for IoT;
- Matrix screen for QR code;
- Biometric authentication like fingerprint.

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.

Components

Size
Standard   Mini

Fingerprint Sensor
Able to be embedded

Display
EPD

888888

LCD

888888

Smartcard Chip
Able to be embedded

Applets
Fully customizable

Wireless

Bluetooth SMART   MIFARE   Calypso

NFC NEAR FIELD COMMUNICATION   FeliCa   RFID

MasterCard paypass   Visa payWave   Quick 闪付Pass

Button
Single button

Multiple buttons

Balance
1 2 3 4 5 C Back

6 7 8 9 0 OK
Detail   Power

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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

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

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 Authentication

Flexible fingerprint sensor

Fingerprint matching algorithm

High recognition rate and false rejection rate

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

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

Get rid of tons of different banking card and try FEITIAN All-in-One card.

It stores multiple banking cards into single Power Card and use the keyboard to switch accounts.

The information is also protected by the secure element inside and by the user PIN.

All-in-One Card
Multiple Banking Accounts, One Card

Stores multiple banking cards into one card

Easy to customize with a high development potential

QR code is part of our life now. The QR Display card changes QR code on the card screen for multiple uses. It allow users to avoid printing one time QR code papers and choose a more environmentally friendly product.

QR Display Card
Large Display

Matrix screen for QR code

Transaction, advertising, e-ticket, access control etc.

Easy to carry, recover and reuse

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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

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