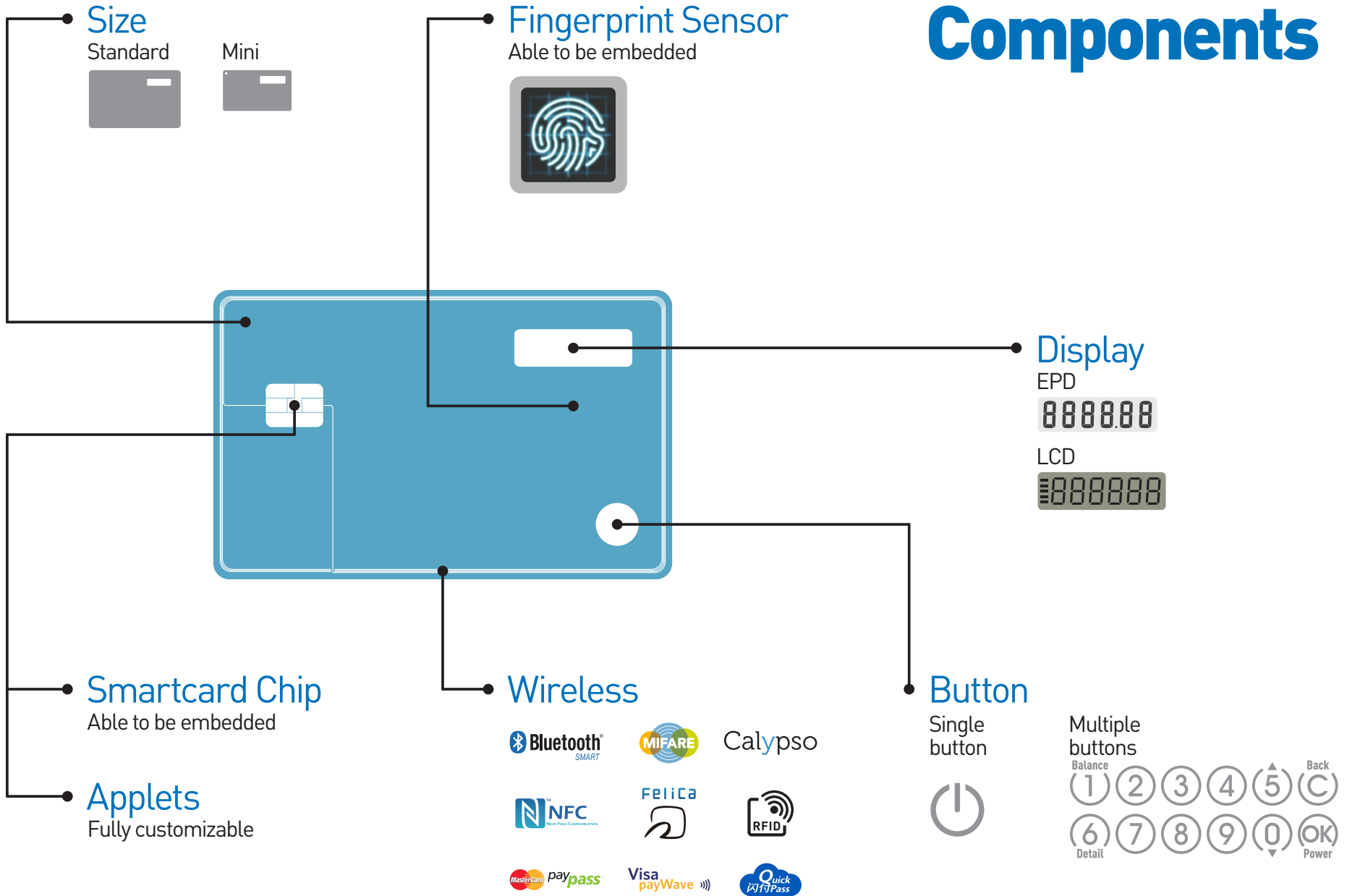# POWER CARD

FEITIAN
WE BUILD SECURITY

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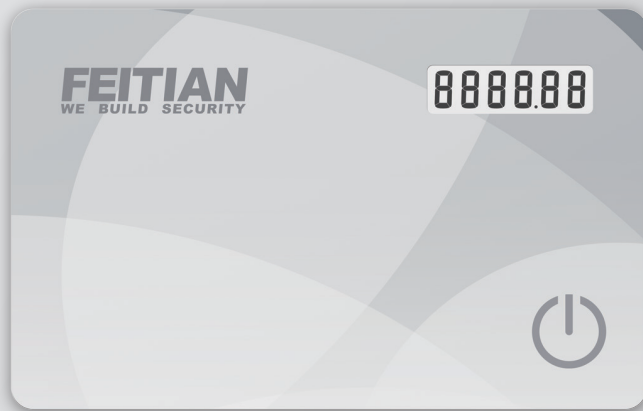
- 2FA such as OTP authentication;
- Pin protected banking card;
- Dynamic CSC (Card Security Code such as CVV) for credit cards;
- BLE for IoT;
- Matrix screen for QR code;
- Biometric authentication like fingerprint.

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 Pass

## Button

Single button

Multiple buttons

| Balance | | | | | Back |
|---|---|---|---|---|---|
| 1 | 2 | 3 | 4 | 5 | C |
| 6 | 7 | 8 | 9 | 0 | OK |
| Detail | | | | | Power |

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 a next generation banking card.

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

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

# EC series
## Chip Embeded OTP Card

NXP secured element embedded;

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

E-wallet, balance check, pin protection, transaction record function.

To fight fraud, FEITIAN DIC (Dynamic Identification Code) Power Card provides a solution that allows the user full control 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 most 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.

FEITIAN Fingerprint card is a good combination of easy portability and easy identification.

# Fingerprint Card
## Biometric

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 Issurance

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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