The AF03 series is specially developed for smart phones and tablets. It is also known as Bluetooth mobile phone cloud payment card reader. It is easy to swipe the card to realize various financial functions such as transfer, payment, recharge, repayment, account inquiry and so on.

By accessing IOS, Android mainstream smartphone or tablet device through Bluetooth, the payment application can be started to conduct transactions, thereby realizing the payment function of the mobile POS machine. Support bank cards (including debit and credit cards) and IC security chip cards (PBOC3.0) with UnionPay cloud flash payment, suitable for personal self-service payment and bank card collection business for small and medium-sized merchants.
Advantages

Support magnetic stripe cards and financial IC cards
Support NFC protocol, can read ISO14443 Type A/B protocol financial card
Wireless payment through Bluetooth communication without affecting phone answering
Bluetooth 2.1–4.0, compatible with IOS/Android system phones
Ultra-low power consumption, support EDR/BLE dual mode
High security, QPBOC certification
Support national secret SM1, SM2, SM3, SM4 algorithm
Small size, easy to carry, suitable for mobile applications
The LED shows the working status of the power supply and Bluetooth

Specifications

Processor
>32-bit high performance secure CPU based on Cortex M0
32-bit security kernel, supporting national secret algorithm,
Active protection network with resistance to power analysis
Address and data bus encryption, power-off protection, embedded resistance DPA/SPA module, MPU storage protection module, high-low temperature and voltage anomaly detection, support for whole chip battery preparation, with low power RTC, built-in 35KB SRAM, 256KB FLASH

Security Mechanism
>Support national secret SM1, SM2, SM3, SM4 algorithms,
>Support DES/3DES, RSA2048, SHA1/256
>Equal algorithm, with true random number generator,
FIPS140–2 compliant test

Communication
>Bluetooth, conforms to 2.1–4.0
>Specification, supports EDR/BLE Dual mode

Indicator light
>1 Bluetooth status indicator (blue)
>1 Battery two-color indicator (red, green)
When the power switch is turned on, the battery indicator is displayed.
The battery is always on.
The blue light flashes rapidly when Bluetooth is not connected.
The connection is successful
When the power is more than 25%, the green light is always on;
When the power is lower than 25%, the red light flashes

Endurance
>Supports 300 transactions cloud flash card payment at full power
>No operation enters energy saving mode within 90 seconds (power saving state)
There is no communication and operation within 10 minutes after the power is turned on, will automatically closed

Power
>Charge current limit: DC5V, 500mA
>Micro-USB standard charging interface
>Built-in rechargeable lithium battery, 3.7V/95mAH
Standard charging time: 2 hours

Environmental
>Working temperature: −10 °C ~ 50 °C
>Storage temperature: −20 °C ~ 70 °C
>Relative humidity: 10%~95% non-condensing

Physical interface
>1 Micro-usb interface
>1 power toggle switch

Size:
>82.4mm(L)* 54.4mm(W)* 11.4mm(H)

Weight:
>About 36.7g

Colour
>White, black, yellow, blue, red, green

Certification
>QPBOC Level 1&Level2