



BePass2003

Bluetooth based
PKI token

Introduction

FEITIAN BePass2003 is a Bluetooth based PKI token incorporating the most powerful cryptographic technology and standards available today.

The built-in high performance crypto chip and FEITIAN proprietary COS provides an equivalent level of security among FEITIAN ePass USB token series. It brings two-factor cryptographic authentications to applications where security is critical.

With combined compatibility of Microsoft Minidriver and OpenSC, the BePass2003 is compatible with applications running on Windows, Linux and macOS and communicate with mobile platform Android and iOS via Bluetooth Smart (Bluetooth Low Energy) technology, and therefore is the ideal choice for all industries requiring high level protection such as government, enterprise, financial institutions and media companies.

Key Features

- Bidirectional encryption to keep communication security;
- Multiple algorithms supported (RSA 1024 / 2048, ECC, DES, 3DES, AES, MD5, SHA-1, SHA-256, SHA-384, SHA-512);
- Multiple energy saving design, support automatic dormancy, automatic turn on and turn off;
- High performance rechargeable battery, battery indicator, through Micro USB can work for PC and also do charging battery;
- Support CSP / PKCS#11, Microsoft Minidriver, TokenD, X.509 v3, SSL v3, IPSec, Compatible with ISO7816;
- Provide third party development library.



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Specification

Working Current	5V
Working Temperature	0°C ~ 50°C
Storage Temperature	-10°C ~ 60°C
Humidity	<90%RH
Battery Capacity	35mAH
Charging Time	<2 hours
Storage Space	64KB
Data Rewrite	Flash 100,000
Button Click Times	>300,000
Cryptographic Algorithm	RSA 1024 / 2048, ECC, DES, 3DES, AES, MD5, SHA-1, SHA-256, SHA-384, SHA-512
Standard	CSP/PKCS#11, MS CAPI, TokenD, X.509 v3, SSL v3, IPSec, Compatible with ISO7816
Supported OS	Windows, Linux, macOS and Android, iOS
Communication Protocol	USB 2.0 and Bluetooth 4.0 BLE (Mobile only)
Wireless Transmission Range	≤10m
Customization	Middleware / Logo
Certification	CE, FCC, RoHS

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