



Smart Biometric Mobile POS Terminal

BIO-key MobilePOS Pro is a handheld, all-in-one, smart POS machine, with a built-in FBI-certified fingerprint module for biometric identification and verification.

MobilePOS Pro

Diverse Payment Options

BIO-key MobilePOS Pro supports all major payment methods, including IC card, magnetic stripe card, NFC, and QR/barcodes, and meets the requirements of EMV L1/ L2 and PCI PTS 5.1. The inbuilt NFC module powers contactless payments via mobile wallets, such as Apple Pay and Google Pay, as well as contactless cards.

Biometric Fingerprint Module

BIO-key MobilePOS Pro comes with a high-security biometric fingerprint reader, which can facilitate the verification and payment process. The FBI-certified capacitive fingerprint module can distinguish between real and fake fingerprints, and is faster and more efficient than optical and ultrasonic readers.



Contact Us to Learn More
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Why MobilePOS Pro?

- FBI-certified capacitive fingerprint module
- Consistently delivers high performance even in power-constrained environments
- Designed with 4 PSAM slots to enhance the security and cryptography performance, along with 2 SIM slots to de-risk transaction processing
- High-resolution 5.5" capacitive color touch screen
- Able to take photos and videos and offers fast and accurate scanning of 1D and 2D codes
- High-speed thermal graphic printer is compatible with barcodes, QR codes, logos and picture print
- Large rechargeable battery; standby time >4 days
- Supports GNSS and various wireless networks

Available in limited jurisdictions. Not available for sale in the USA, Canada or the EU. Contact Sales for further limitations.

Applications

- Retail and catering services: facilitate secure and rapid payment operations for seamless customer experience
- Banking and microfinance: identify customers and authorize transactions in a more secure and convenient manner
- Electronic bill and fine payments
- Social programs: verify eligible beneficiaries through biometric authentication
- Telecommunication: SIM registration, mobile recharge and top-up
- Warehouse and inventory management
- Voting and elections
- Lottery management

Benefits



Easier

- All-in-one, smart POS
- Portable and rechargeable
- Multiple collection and payment methods
- Rapid and easy verification



Safer

- Secures transactions with biometrics
- 4 PSAM slots to enhance cryptography
- Protects users from theft or card cloning
- More reliable and reduces human error



Better

- Powerful hardware, high performance CPU
- FBI-certified fingerprint reader
- Improves user experience and productivity
- Increases customer trust and satisfaction

Product Specifications

Processor	4 core ARM Cortex-A53
Memory	1GB RAM + 8GB Flash
OS	Android 7.0 Security Payment OS
Contactless Card Reader	NFC 13.56 MHz, Support ISO/IEC 14443 Type A&B, Mifare
Smart Card Reader	EMV & PBOC Compliant
Magnetic Card Reader	Triple-track bi-directional, ISO 7810 Compliant
Certification	EMV L1/L2, PBOC L1/L2, PCI PTS 5.1
Thermal Graphic Printer	Paper Width: 58mm, 40mm, 85mm/s
Biometric Module	Capacitive Fingerprint Module, FBI Certified
Display	5.5"(1280*720) capacitive color touch screen; signature capture, video capable
Camera	5Mega, CMOS, AF, JPEG picture, video support, barcode and QR code
Communication	4G: TD-LTE/FDD-LTE 3G: TD-SCDMA/WCDMA/CDMA2000 2G: EDGE/GPRS
GNSS	Support
Security Features	DES, TDES, AES, RSA, ECDSA
Audio	Digital Audio Speaker, Microphone
Card Slots	4 PSAM Slots, 2 SIM Slots
Bluetooth	4.1 LE, 2.4GHz ISM 2402MHz~2480MHz
WIFI	802.11b/g/n WLAN
USB	Micro USB, Support OTG, Data Transfer, Recharging
Battery	Rechargeable, 3.7V, 5800mAhde
Dimensions and Weight	203mm*85mm*53mm, 480g (with battery)

About BIO-key International

BIO-key is a trusted provider of Identity and Access Management (IAM) and Identity-Bound Biometric solutions that enable convenient and secure access to device, information, applications, and high-value transactions for over 1,000 customers around the world. BIO-key offers the simplicity and flexibility required to secure modern digital experience for the workforce, customers, and the IT department.