

E-MoC (Match On Card)

Enable your fingerprint as a PIN or credential to prevent personal information leakage.



Feature

- Android 11, 4G, WiFi, IC, NFC, QR
- FBI-certified biometric sensor
- GMS Certified
- Easy integration with existing systems
- NIST MINEX-compliant fingerprint algorithm
- Java card platform, support customizing Applet
- The biometric data never leaves the card
- Provide SDK/API for second development

Google mobile services & Certified



eVoting



eSignature



Online Authentication



eHealth



eID



Bank

V11FP Terminal Specification	
Operating System	Android 11
Memory	RAM: 3GB /ROM: 32GB
Communications	4G (LTE-FDD/LTE-TDD) + 3G (WCDMA) + 2G (GSM/GPRS), WiFi 2.4GHz/5GHz, BT4.2 (BR/EDR+BLE)
Display	5.0 inch, 1280 × 720, IPS
Cameras	Rear: 13MP AF with Flash Support Scanner 1D&2D code & QR Code Front: 5MP FF
Interface	IC(ID-1)/NFC/QR/SAM Card
Modules	Fingerprint/QR
Java Card Specification	
Java Card	Java Card™3.0.5
	Global Platform 2.2
	EEPROM 100K Bytes
	DES/3DES, RSA, SHA-1/SHA-256
	Multi-applet support
	ISO 7816 and 14443 Standard
	Dual interface (Contact and Contactless)
	Compliant EMVCo CCPS v2.6
MoC(Match-On-Card)	
MoC Algorithm	Compliant with ISO/IEC 19794-2 compact card format
	High interoperability with most minutiae extractors
	Fast comparison time: < 200ms
	Invariant to translation and tolerant to rotation up to 360°
	Maximum number of minutiae expected: 50
Security Feature of E-MoC	
Security feature	Fingerprint data never leaves the card Test passed by NIST MINEX III GMS certified Terminal
API(Application Programming Interface)	
Interface	Provide API for integration
Applet development service	
OEM/ODM	Offer ODM/OEM development service for applet

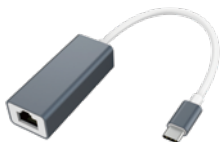
V11 FP Options and Accessories



Battery 7500mAh



Hand Strap



Type C to RJ 45 Adapter
100 Mbps Ethernet LAN

Printer



ePassport Reader-MRZ(Machine-Readable Zone)

