MorphoTablet[™]2i

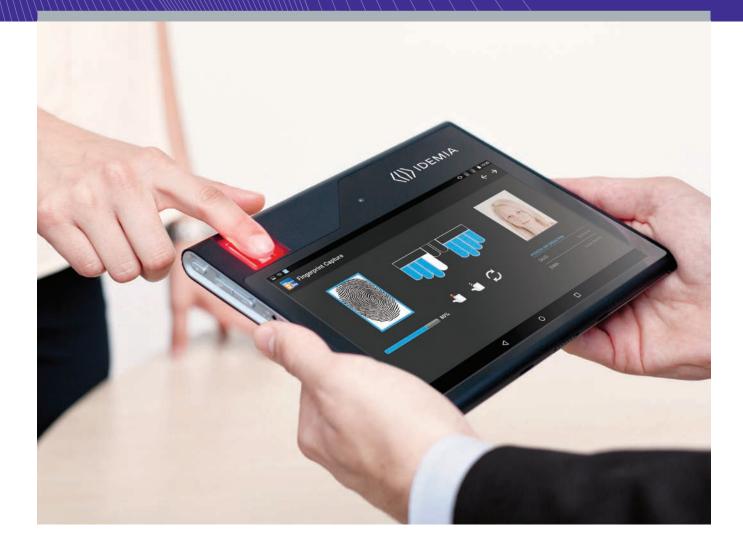
3 in 1 Biometrics First Mobile Terminal





Financial

Mobile Operators



8" touchscreen tablet with incorporated FBI PIV IQS and STQC certified optical fingerprint sensor

Contactless smart card and e-passport reader 13MP camera with dual LED for face capture, 1D/2D barcode and MRZ reading

Signature capture 2MP infrared camera with dual infrared LED for iris capture

Embedded security features

Contact smart card reader

4G, Wi-Fi and Bluetooth



Taking mobile secure identification to the next level

Building upon the successes of its MorphoTablet[™] range throughout the World, including civil registration and elections in Africa, time & attendance and border control in Europe and e-KYC in Asia, IDEMIA introduces the evolution of its second generation secure biometric tablet: MorphoTablet[™] 2i.

In addition to the MorphoTablet[™]2 features, MorphoTablet[™]2 increases UNIVERSALITY and SECURITY by introducing iris biometrics capabilities, in a single, compact and mobile terminal.



Typical use cases

REGISTRATION

On site capture of citizens' data to build civil registry, electoral database, etc.

e-KYC

Customer identity verification for digital on-boarding (mobile phone subscription, bank account opening, etc.)

BORDER CONTROL

ID document check (ID card, visa, e-passport) by comparison of data in document with the holder's live capture

ELECTIONS

Voter's authentication to check his/her presence in the list of electors and ensure one single vote per person

ID DOCUMENT ISSUANCE

Citizen's authentication to issue or renew his/her e-documents

TIME & ATTENDANCE

Paperless clock in/out in temporary/ moving environments (construction site, company shuttle bus, etc.)

CRIMINAL IDENTIFICATION

Remote 1:N search via an AFIS/ABIS On-device 1:N search against a local watch list

ACCESS CONTROL

Employees' ID checks by mobile security staff (e.g. within the secure areas of an airport)

'JOHN DOE' IDENTIFICATION

Identification of an unknown subject on a crime scene, in a morgue, etc.

P. Diop

Fingerprint sensor Optical, 500 dpi FBI PIV IQS & STQC certified

Security features⁽¹⁾ Hardware secure boot Tamper protection Hardened Operating System

Processor Qualcomm® Snapdragon™ 410 Quad Core, 1.2 Ghz

Stereo headset jack

Micro USB 2.0 OTG

Micro SD reader up to 64 GB

Internal memory 2GB RAM, 16GB Flash

Dual micro-SIM card reader 4G/3G - Voice & Data

Microphone

Docking station interface 6 pin connector

Hand strap/Cable lock

Battery Li-Polymer, 5100 mAh

Hardened structure Withstands multiple drops from a height of 0.65 m/2.13 ft.

SAM slot⁽¹⁾



USB Host Type A

Contact smartcard reader ISO 7816 A/B/C

Contactless smartcard reader ISO/IEC 14443 A/B e-Passport MIFARE® Classic, Plus, UltraLight(C), DESFire®

LED indicator

Front camera 2MP

Color touchscreen 8" WXGA (1280 x 800) Ambient light sensor Toughened glass

Signature capture With hard pointed stylus

Infrared LED⁽²⁾ Dual system

Flash LED Dual system

Rear camera 13MP autofocus

Infrared LED⁽²⁾ Dual system

Vibration device Accelerometer Gyroscope

Speaker

Infrared camera⁽²⁾

⁽¹⁾ Supported only on MorphoTablet™ 2s variant ⁽²⁾ Only on MorphoTablet™ 2i variant (iris capture/matching)

Software options

MorphoTablet™ 2i runs Android 5.0 Lollipop OS and offers 2 software options:



1. Morpho iMobile suite (MiMs),

a set of applications designed for:

- Enrollment

- Biometric on-device or remote

identification (fingerprint and face) - e-Document verification



2. Android SDK with dedicated APIs for fingerprint sensor, contact/ contactless readers, etc. is available for integrators to build custom applications

Technical specifications

• Dimensions (WxLxH): 199*164*17.5 mm (7.83*6.46*0.69 inches)

- Weight: 545 g (1.2 lbs.)
- Cellular communication: 4G/LTE (operator/country dependent), 3G Voice & Data
- Wi-Fi: 802.11 b/g/n

- Bluetooth: 4.1 (Low Energy)
- GPS and A-GPS
- Temperature range:
- Operating: 0° to 50°C (32° to 122°F)
- Storage: -10° to 70°C (14° to 158°F)
- Humidity range:
- Operating: 10% < RH < 90%
- Storage: 5% < RH < 90%

- EMC/Safety standards: CE, FCC
- RoHS, REACh and WEEE compliant

• Accessories:

- In box: battery charger with 3 plugs (EU, UK, US), USB data/charge cable
- Optional: docking station, protective sleeve, stylus



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