

MorphoTablet™ 2i

BY IDEMIA

Harnessing the power of 3 biometrics
for mobile enrolment, authentication and identification



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

13 MP camera with dual LED for face capture, 1D/2D barcode and MRZ reading

2MP infrared camera with dual infrared LED for iris capture

Contact smart card reader

Contactless smart card and e-passport reader

Signature capture

Embedded security features

4G, Wi-Fi and Bluetooth

Harnessing the power of 3 biometrics for mobile enrolment, authentication and identification

Biometrics is by far the most convenient and reliable means to identify and authenticate people. For law enforcement, border control, civil enrolment and elections, or firms that want to check employee/visitor IDs, the use of mobile devices for fingerprint and facial recognition has already proved invaluable.

Today, IDEMIA has taken that solution to a new level. MorphoTablet™ 2i by IDEMIA enables improved universality and security by including all three biometrics in one mobile terminal: fingerprint, facial, and now iris.

The 8" touchscreen Android tablet draws on IDEMIA's leadership in iris recognition algorithms, ranked #1 for their accuracy and speed (NIST – IREX IV), to ensure seamless enrolment, ID verification and identification on the spot.



Typical use cases

REGISTRATION

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

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

e-KYC

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

TIME & ATTENDANCE

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

ACCESS CONTROL

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

BORDER CONTROL

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

CRIMINAL IDENTIFICATION

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

'JOHN DOE' IDENTIFICATION

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

MORPHOTABLET™ 2i BY IDEMIA



Software options

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

1. Mobile identity Multiplatform suite (MiMs),

a set of applications designed for:

- Enrolment
- Biometric on-device or remote identification
- 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