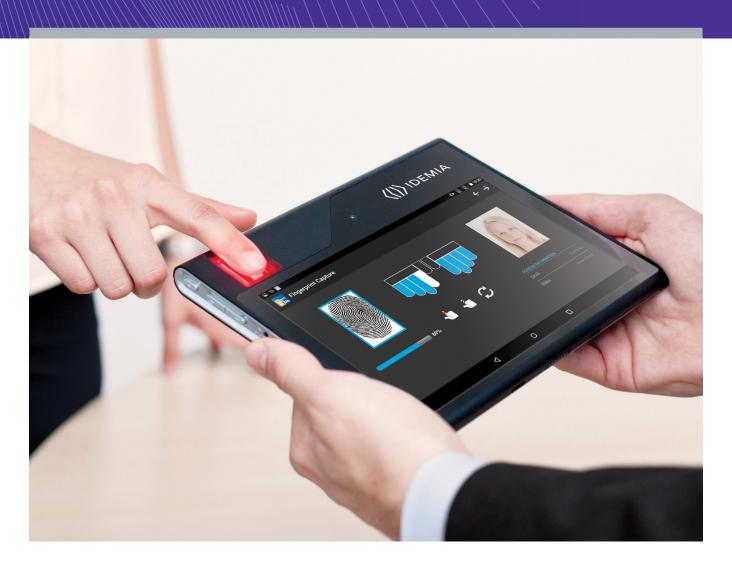# MorphoTablet™ 2

BY IDEMIA

Taking mobile secure identification to the next level

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

Contact smart card reader

Contactless smart card and e-passport reader

Signature capture

Embedded security features

4G, Wi-Fi and Bluetooth

⟨⟨|⟩⟩ IDEMIA

Taking mobile secure identification to the next level

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

The 8" touchscreen Android device now offers 4G high speed data transfer, complete credential acquisition/reading capabilities, plus enhanced usability and robustness to ensure seamless enrollment, ID verification and identification on the spot.

Whatever the context, place and time, MorphoTablet™ 2 by IDEMIA takes mobile secure identification to the next level.

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.

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

Security features
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.

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

Flash LED
Dual system
Avoids specular reflection
Improves document & portrait
capture

Rear camera
13MP autofocus

Speaker

SAM slot

Vibration device
Accelerometer
Gyroscope

Software options

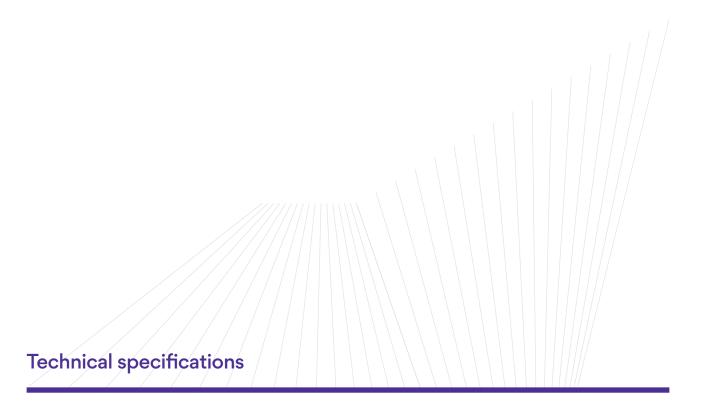**MorphoTablet™ 2 by IDEMIA runs Android 5.0 Lollipop OS and offers 2 software options:**

1. Mobile identity Multiplatform suite (MiMs),
a set of applications designed for:

- 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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