

IDENTITY & SECURITY



MORPHOTABLET™ 2

Taking mobile secure identification
to the next level



MORPHOTABLET™ 2



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

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, Safran Identity & Security introduces its second generation secure biometric tablet: **MorphoTablet™ 2**.

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** 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.)

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.

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

FEATURES AT A GLANCE

Fingerprint sensor
Optical, 500 dpi
FBI PIV IQS & STOC 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

MicroSD reader
up to 64 GB

Internal memory
2GB RAM, 16GB Flash

Dual micro-SIM card reader
4G/3G

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®
HID iClass® Seos® (with optional
SAM module)^(*)

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



^(*) Not available at launch

TECHNICAL INFORMATION

- **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
Micro-SIM#1: Voice & data
Micro-SIM#2: Voice
- **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

Software options

MorphoTablet™ 2 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