Identify subjects and check ID documents in the field

- **Fingerprint and face recognition**
  - FAP 30, FBI certified fingerprint sensor
  - 8MP camera with flash for portrait capture
  - On-device or remote matching using Morpho’s world leading algorithms

- **Multiple credential reading**
  - Contact/contactless smartcards, 1D/2D barcodes, e-passports

- **Wireless connectivity**
  - 4G/3G cellular, Wi-Fi, Bluetooth 4.0

- **Sturdy for extensive use under demanding conditions**
MorphoRapID™ 2 is a rugged, handheld biometric device specifically designed for law enforcement, border control, and immigration officers who need to have autonomous operational capabilities in the palm of their hands. Using Morpho’s world-renowned fingerprint and face matching algorithms, and featuring multiple credential reading options, MorphoRapID™ 2 enables security professionals to perform real-time operations in the field, including:

- **Remote identification**, by capturing and transmitting to an ABIS an unknown subject’s fingerprints or portrait, then receiving match results. MorphoRapID™ 2 is fully integrated into the Morpho Criminal Justice Suite and handles multiple searches simultaneously.

- **On-device identification**, by matching a person’s fingerprints against those previously stored in local watch lists in the device’s memory.

- **ID document verification**, by comparing the biometric data embedded in the document with the holder’s live fingerprint or portrait capture. Supported credentials comprise contact and contactless ID cards or driving licenses, 1D/2D barcodes and e-passports.

With its easy grip, smartphone-like design features, and a suite of intuitive apps, MorphoRapID™ 2 doesn’t require training. Users quickly gain proficiency to protect borders, make communities safer, and solve more crimes.

**OPERATING MODES**

**STANDALONE MODE**
ID check, search in local watch list, etc.

**CONNECTED MODE**
Remote identification on ABIS, remote enrollment, etc.

**CRIMINAL IDENTIFICATION**
**BORDER CONTROL**
**ID DOCUMENT CHECK**
**AIRPORT SECURITY**
**Features at a Glance**

- **Barcode reader (option)**
  - 1D / 2D imager
- **LED indicator**
  - RGB
- **Fingerprint sensor**
  - FAP 30, FBI PIV-071006 certified
  - 500 ppi
- **Color capacitive touchscreen**
  - 4.5” WVGA (1280 x 720)
  - Super wide view
  - Strengthened glass
  - Ambient light sensor
- **Dual Core 1.5 GHz processor**
  - Qualcomm Snapdragon®
- **Vibration device, Accelerometer, Proximity sensor**
- **Microphone**
- **Micro-USB**
  - 2.0 OTG
- **Elastomer protection**
  - 2 SIM
  - 1 SAM
- **8 MP camera**
  - Auto Focus, Flash
- **Speaker**
- **Contactless reader (option)**
  - ISO 14443 A/B
  - ICAO
  - CAC, PIV, TWIC
  - MIFARE®/DESFire®
- **Battery**
  - Li-ion 3.7 V - 3450 mAh
- **Hand strap**
- **Contact reader (option)**
  - ISO 7816 1/2/3 (T=0 & T=1)
  - ICAO
  - CAC, PIV, TWIC
- **Color capacitive touchscreen**
  - 4.5” WVGA (1280 x 720)
  - Super wide view
  - Strengthened glass
  - Ambient light sensor
- **Memory**
  - 1 GB RAM, 8 GB Flash
  - microSD High Capacity slot (up to 32 GB)

**Technical Information**

- **Dimensions (WxLxH):** 82*200*40 mm (3.2”*7.8”*1.57 inches)
- **Weight:** 600g (1.32 lbs.)
- **Cellular communication:** 4G/LTE (operator/country dependent), 3G - Voice and data
- **Wi-Fi:** 802.11 a/b/g/n
- **Bluetooth:** 4.0 - Class 2 EDR
- **GPS:** less than 5 meters accuracy
- **Ingress Protection:** IP 54
- **Drop test:** 1.5 m (4.9 ft.) multiple drops
- **Temperature range:**
  - Operating: -20° to 60°C (-4° to 140°F)
  - Storage: -40° to 60°C (-40° to 140°F)
- **Humidity range:** RH < 93 %
- **EMC/Safety standards:** CE, FCC
- **RoHS, REACh and WEEE compliant**
- **Accessories:**
  - In box: data/charge cable (1m), battery charger, hand strap, stylus
  - Optional: docking station, data/charge cable (2m), cigar lighter adaptor, screen protector, holster, case

**Software Suite**

MorphoRapID™ 2 runs Android Operating System and comes with Morpho iMobile suite (MiMs), a set of configurable applications designed for:

- **Enrollment**
  - Demographics, portrait, fingerprints, documents and signature capture
- **Secure ID document verification**
- **Person identification**
  - On-device or remote fingerprint identification
  - Remote face identification
- **Crime scene investigation**
KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS