

# MorphoTop Slim

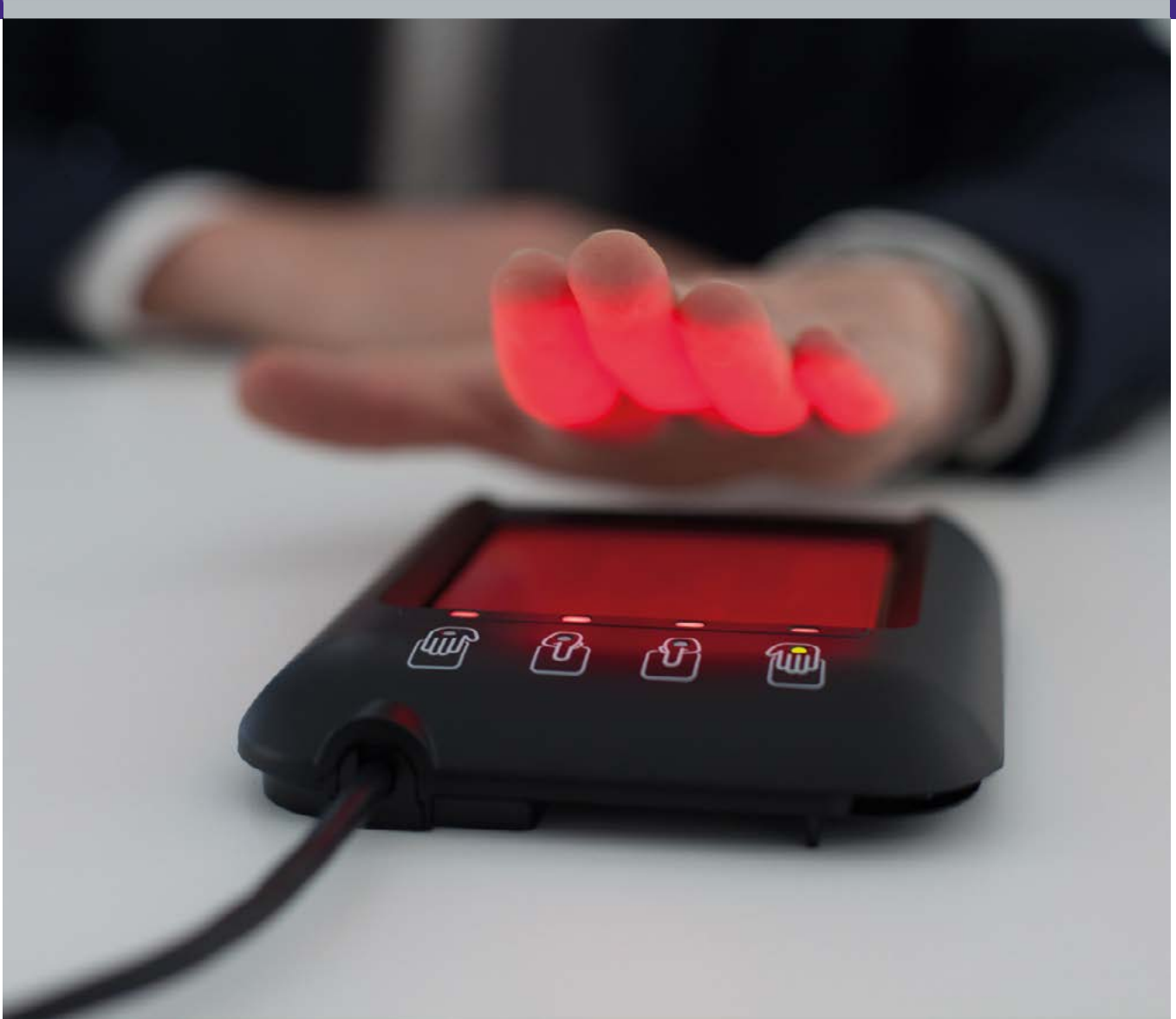


Citizen Identity



Public Security

The extra thin livescan device



High quality  
slap and rolled  
acquisition

Ergonomic and  
attractive design

Extra thin (1 inch)  
and lightweight  
(400g)

USB  
powered

Enhanced user  
experience

## A Worldwide recognized know-how

World's Number 1 Company in the field of fingerprint-based biometrics, with innovative capabilities acknowledged worldwide, IDEMIA has acquired a thorough experience in designing and manufacturing biometric terminals (over 100,000 slap fingerprint units and over 3,000,000 fingerprint sensors sold).

After recording more than 1 billion people across the globe, IDEMIA introduces a breakthrough, TFT<sup>®</sup>-based livescan device: MorphoTop Slim. Breaking with previous generations, it is 6 times smaller than current products, which greatly facilitates its integration into mobile solutions or existing structures.

<sup>®</sup> Thin-Film Transistor technology



Fingerprint capture during voter registration, Kenya

Mass enrollment, India

Fingerprint capture for passport delivery, Panama

## Typical use cases

### MASS ENROLLMENT

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

### BORDER CONTROL

Enrollment and matching for foreign travelers.

### CRIMINAL IDENTIFICATION

Suspect identification and police investigation.

### E-KYC

Know Your Customer procedures for bank and telco use cases.



## Software options

1. **Morpho Livescan SDK:** software development kit for image acquisition
2. **MorphoBop:** advanced software development kit, which ensures high quality capture of fingerprint sequences:
  - Automatic acquisition to speed up the capture
  - Real time quality measurement
  - Slap segmentation
  - Sequence detection
  - Rolled reconstruction
  - Minutiae coding (ISO 19794-2, ANSI 378)
3. **MorphoESA:** powerful enrollment solution



## Technical specifications

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- **FBI IAFIS IQS Appendix F Certification**
- **Resolution:** 500 dpi (horizontal and vertical)
- **Indoor usage**
- **IP54 protection**
- **Connection and power feeding through USB 3.0 and USB 2.0 (700mA)**
- **Dimension (L\*W\*H):** 15 x 13 x 2,6 cm (5,5 x 4,9 x 1")
- **Slap print size:** 7,2 x 8,1 cm (3 x 3,2")
- **Rolled print size:** 7,2 x 8,1 cm (3 x 3,2") in USB 3.0 and 7,2 x 4 cm (3 x 1,6") in USB 2.0
- **Weight:** 400g
- **EMC/Safety Standards:** CE, FCC
- **RoHS compliant**
- **MTBF in excess of 50,000 hours**