



MorphoTop™

10-fingerprint image capture terminal

- **World's largest fingerprint capture area**
- **Capture time < 2sec.**
- **Highest image quality on the market (FBI compliant)**
- **Proven and reliable technology**
- **Ergonomics designed in collaboration with users**



Sagem Sécurité
SAFRAN Group

An expert's know-how

World's N°1 company in the field of fingerprint-based biometrics, part of the large high technology SAFRAN Group, with innovative capabilities acknowledged world-wide, Sagem Sécurité has acquired a thorough experience in designing and manufacturing biometric terminals (over 100,000 units sold). With more than 200 million people recorded across the globe, our technical teams know the importance of image quality, when enrolling applicants.

Most recent addition to the range of Sagem Sécurité's optical sensors, the MorphoTop™ has been designed for enrollment and verification in identity applications requiring 10 fingerprints:

- Travel documents: passports and visas (such as the future European Visa project).
- Identity credentials: ID cards, voter registration cards, driver's license, etc.

Numerous advantages

Beyond standards

- The highest image quality on the market (compliant with the FBI-IQS EFTS* Appendix F)
- A proven Software Development Kit (SDK)
- Power supply is through a USB 2.0 cable
- Automatic calibration of the terminal, alarm indicating that the sensor surface needs cleaning

User-friendly, fast and reliable

- Scanning time: less than 2 sec in automatic mode,
- The wide-area sensor, eases correct finger positioning and reduces acquisition time
- Ergonomics have been specially taken into account, with the help of users, to ease the capture of thumbprints
- Most functions are driven from the PC allowing more flexibility for the application integrator and enhanced reliability
- LEDs guide the user during scanning operations
- Image quality is validated in real time with LEDs
- The terminal has a MTBF** in excess of 50,000 hours

Elegant

- Space-saving, esthetic design, facilitating the integration of the MorphoTop™ into a counter, a mobile or automated kiosk, or simply on a desk top
- The terminal's housing has been carefully designed, leaving space available for customer personalization

* **FBI-IQS EFTS**: FBI Image Quality Specification, Electronic Fingerprint Transmission Specification

** **MTBF**: Mean Time Between Failure



Technical characteristics

Compliant with standards: CE, FBI IAFIS-IQS Appendix F, ANSI-NIST

Compatibility: Windows® 2000/ XP / VISTA

Minimum configuration: Intel Core Duo E6600, 2Go RAM memory, 100Mo memory dedicated to the MorphoTop™, a 2.0 USB dedicated controller

Resolution: 500 dpi (horizontal and vertical)

Dimensions (L*W*H): 14x12.5x15.1cm (5.5x4.9x5.9")

(foot print: 14x12.5 cm or 5.5x4.9")

Slap print size: 8x9 cm (3.1x3.5")

Weight: 1.9 kg (4.18 lb)

Power supply: USB 1.0 or 2.0 cable

Operating temperatures: 0 to 45°C (32 to 113°F)

(storage temperatures -25 to 70°C (or -13 to +158°F))

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