MSO300 fingerprint sensor

Biometrics

Access Control Readers

Speed and accuracy

The MSO300 fingerprint sensor is a polyvalent unit for digital fingerprint processing.
Connected via USB to a MICRO-SESAME client workstation, it sends biometric data to the badge record.

It integrates a high end optical sensor, boosting image quality and preprocessing. Fingerprint particular features are then extracted.

The 100 or 500 series of the SAGEM MorphoAccess readers can be used for access control.

PRODUCT HIGHLIGHTS

- **Speed**
  Fingerprint capture takes less than 1 second.
- **Convenient interfacing**
  Directly connected via USB to a client workstation. Cable length is 1,5 m.

Principles & features

- The **MS-BIO** software option is required in MICRO-SESAME.
- 2 authentication strategies are possible :
  - Fingerprints stored in the badge.
  - Fingerprints stored in the database and downloaded to each SAGEM biometry reader.

Biometry

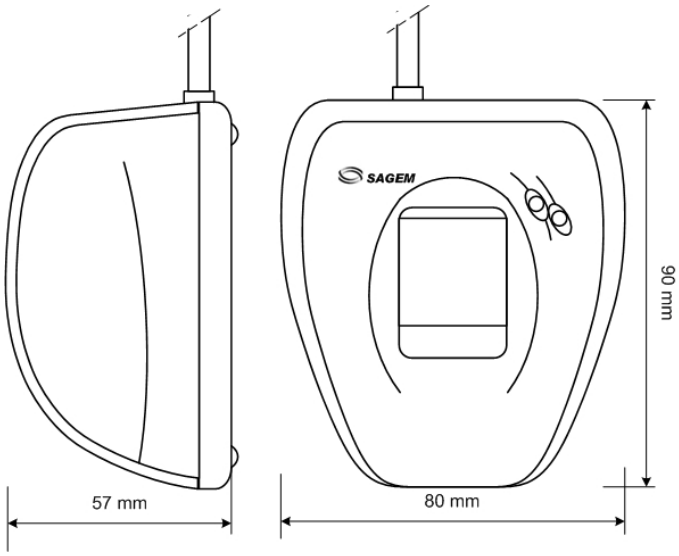
SAGEM READER (MA100 SERIES)	SAGEM READER (MA500 SERIES)	SAGEM MSO300

MSO300 fingerprint enroller

Biometry

Access control readers

Dimensions



MICRO-SESAME integration

- Requires the **MS-BIO** software option.
- Fingerprint capture directly performed from the badge record.

Detailed features

- Optical sensor: 21 x 21 mm, 500 dpi
- Power supply: 5 V par port USB
- Consumption: 2,5 W
- Connection: USB
- Connection distance: 1,5 m
- Dimensions: 90 x 80 x 57 mm
- Mounting: stand-alone
- Signaling: 2 LEDs couleurs
- Material: plastique
- Operating temperatures: 0°C to +40°C
- Operating humidity: 10% to 80%
- Weight: 130 g

References

Sagem MSO300 fingerprint sensor

- **ENR72SG10 :** SAGEM MSO300 fingerprint sensor and MACI & VERIF software

SAGEM MA readers (100 & 500 series)

- **LEC72SG0500-NB0 :** MA100 biometry reader including a database for 500 users.
- **LEC72SG0600-NB0 :** MA110 biometry reader including an ICLASS reader.
- **LEC72SG0700-NB0 :** MA120 biometry reader including a MIFARE/DESFire reader.
- **LEC72SG0532-GB0 :** MA500 reader + keypad including a database for 3 000 users. Upgrade of up to 50 000 users is available.
- **LEC72SG0632-GB0 :** MA520 reader + keypad including a MIFARE/DESFire reader.
- **LEC72SG0932-GB0 :** OMA520 reader + keypad including a MIFARE/DESFire reader, outdoor version.

Badge encryption

- **ENR72SG06 :** MIFARE SAGEM USB
- **ENR72SG07 :** ICLASS SAGEM USB

PRD_SAGEM_MSO300 - 07/2015 - informations non contractuelles susceptibles de modifications sans préavis

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