



SAGEM **MORPHOP@CK™**



- Capacitive fingerprint reader •
- World-wide recognized SAGEM algorithms •
- Software Development Kit •
- USB connection •

***PC based
fingerprint
verification***



SAGEM
Technology in action

SAGEM MORPHOP@CK™

Self-contained image processing and matching

The MORPHOP@CK™ integrates a leading edge capacitive fingerprint sensor in a compact reader connected to the USB port of a PC. SAGEM image processing and feature matching algorithms - a technology based on a 20 years experience in the field of biometric identification - enable the user to perform a strong person authentication through accurate and on-line feature coding and matching.

Applications

- Logical access control
- Network transactions
- Secured E-commerce transactions
- etc

Software

A user friendly software development kit allows the development of applications thanks to DLL available on WINDOWS® platforms. The developer is provided with DLLs that control the communication between the board and the PC and offers all the possibilities to perform on-line fingerprint recognition.

The MORPHOP@CK™ integrates two software components:

- MORPHOIMAGING™: for the image quality optimization, during acquisition and preprocessing.
- MORPHOSOFT™ Embedded: for the biometric functions necessary for template extraction (processing of a fingerprint image) and fingerprint verification or identification.



Technical specifications

- Fingerprint sensor
 - Leading edge capacitive CMOS sensor
 - 500 dpi resolution @ 8 grayscale bits
 - 13 x 18 mm acquisition area
 - Auto sensing feature
 - Enhanced ESD protection
 - Interface
 - USB connection
 - Software Development Kit
 - WINDOWS® 98, WINDOWS® NT*,
 - WINDOWS® 2000, WINDOWS® ME*
 - Environmental Specifications
 - Operating Temperature: 0°C to 40°C
- * Check the availability of this option with SAGEM

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