



## **MorphoAccess™ 200E/300E**

- Weatherized for outdoor use ■**
- 1:1 Authentication & 1:many Identification ■**
- Local and remote database management ■**
- LAN and serial link connection ■**
- Standalone or networked operation ■**



***Finger identification for  
physical access control***

 **SAGEM MORPHO, Inc.**  
***Tomorrow's biometric technology  
for today***

# MorphoAccess™ 200E/300E

## Finger identification for physical access control

Keys are lost and credit cards are forged, but fingerprints are unique and permanent. SAGEM Morpho has designed the MorphoAccess™ terminal to confirm identity by taking advantage of the unique qualities of each person's fingerprint pattern.

The unit can be programmed to grant access via I.D. confirmation with a central server or locally on the unit. In either configuration, verification of identity triggers the facility's door strike to allow entry. To further ensure security, the unit also can be configured to operate with a token such as a proximity card.

This weatherized version of the unit has been developed specifically for outdoor applications and it includes a ruggedized/weather-resistant case. This unit includes all of the features and options available with the indoor model.

- Weatherized for outdoor use (IP 65 rated)
- 1:1 Authentication & 1:many Identification
- Local and remote database management
- LAN and serial link connection
- Standalone or networked operation
- Up to 48,000 internal record storage capacity

## Applications

- Easily integrated in access control and time and attendance systems
- Plug and Play solution for existing systems

## Software

A user-friendly application programming interface (API) allows application customization on Windows® platforms.

The MorphoAccess™ includes two software components:

- MorphoImaging™: Optimizes image quality during acquisition and preprocessing.
- MorphoSoft™: Supplies the biometric functions necessary for template extraction (processing of a fingerprint image) and fingerprint verification or identification.

## Technical Specifications

### MorphoAccess Unit

- Visor protects display and sensor
- 500 dpi resolution finger scanner, .867" x .946" (22mm x24mm)
- Backlit LCD graphical display, 136 x 34 pixels
- Backlit keypad with 12 keys (0 to 9, \*, #) plus four programmable function keys

### Memory

- 8 MB RAM; 4 MB for operating system/libraries/applications
- Optional 32 MB for data storage

### Local Database Storage

- **200E**: Authentication (1:1) Identification (1:many) for an 800 person database
- **300E**: Authentication (1:1) Identification (1:many) for 16 databases of 3000

### Communication Ports

- Wiegand 26-bit and data clock ISO-2: input & output
- RS485 / RS422
- Ethernet 10BT

### Standard API

- Transaction management
- Database management
- Standard access protocols

### Power Consumption

- 12 VDC 2.5 amp minimum

### Environmental Specifications

- Operating temperature: 14°F to 113°F
- Relative humidity: 0% to 90%, non-condensing
- Fluid ingress and dust protection: Rated for IP 65

### Mechanical

- Width: 8.6 inches, Height: 11.4 inches, Depth: 3.9 inches
- Weight: 4.5 pounds

### Certifications

- FCC Class B part 15
- UL and cUL listed
- IP65 rated



Contact us:  
1145 Broadway Plaza, Suite 200  
Tacoma, WA 98402 (800) 346-2674 www.morpho.com  
e-mail: info@morpho.com  
© 2002 SAGEM MORPHO, Inc. REV.09-27-2002