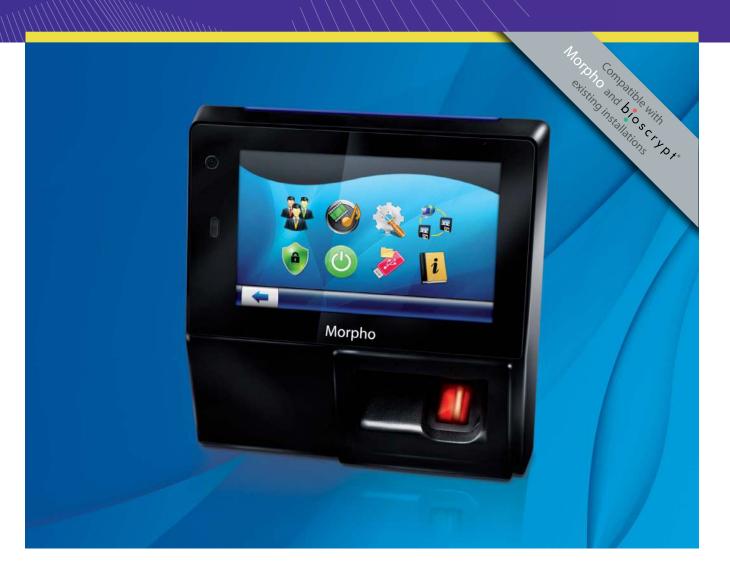
# MorphoAccess® SIGMA Series BYIDEMIA



Access Control and Time & Attendance fingerprint station



## STILL THE WORLD'S BEST IN BIOMETRICS... AND SO MUCH MORE!



Time & Attendance features

Full set of contactless technologies including

Tablet-like user experience

Anti-fraud: fake finger & face detection, duress finger

Videophone function

IP65 rated design

... and fast 1:100,000 identification!



Association, Morpho and Bioscrypt successfully joined forces to design the best of breed fingerprint identification terminal.

Tailored for both Access Control and Time & Attendance applications, the MorphoAccess® SIGMA (MA SIGMA) Series by IDEMIA implements no fewer than 20 patents to master biometric identification and deliver a host of additional features, together with a refined and enjoyable user experience.











#### **ULTRA-SECURE**

The World's most accurate fingerprint technology is further enhanced with additional anti-fraud and anti-"buddy punching" features:

- Face detection and picture logging
- Fake finger detection
- Duress finger
- Banned/authorized user lists

# FRESH, INTUITIVE, FLEXIBLE USER INTERFACE

The MA SIGMA Series by IDEMIA implements the design cues from today's most intuitive consumer electronics, for fast user adoption:

- 5" WVGA color touchscreen highlighting a sophisticated Graphic User Interface
- Seamless on-device administration
- Extensive customization capabilities: use your own content! (corporate video, audio messages, wallpapers etc.)

## TIME & ATTENDANCE READY

Increase your workforce management efficiency with:

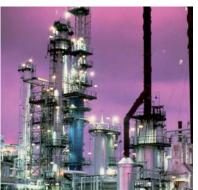
- Touchscreen Time Clock, featuring 16 programmable function keys
- Access time slots and holidays scheduling
- Accurate punch records (up to 1 Million logs storage capacity)
- Real-time employee notifications
- Job Code management

### VIDEOPHONE FUNCTION

- Built-in camera, speaker and microphone
- Standard IP-based video and audio interface
- Use cases:
- Call-in function: employees can quickly report a problem right from the Time Clock
- Surveillance: the terminal can be used by security staff to get pictures remotely from the security post























# Morpho bioscrypt<sup>®</sup>

# WORLD #1 FINGERPRINT TECHNOLOGY INSIDE

- Morpho fingerprint technology ranked #1 by NIST for accuracy
- Genuine 1:100K matching<sup>(1)</sup>: World first in the industry
- 1:100K identification in less than 1 second (for frequent users)
- Exclusive optimizations tailored for access control
- Accuracy maintained regardless of number of users
- FBI PIV IQS certified optical sensor

# MULTIPLE RECOGNITION FACTORS

- ullet NFC $^{(2)}$  technology support
- Full set of contactless smartcard options: Prox®, iClass®, MIFARE®, MIFARE® Plus, DESFire®
- PIN and BioPIN<sup>(3)</sup> codes

# EASY SET-UP AND MAINTENANCE

Built for the real World and designed to save time at installation and reduce maintenance costs:

- Flush mounted "quick-tilt" access
- No need for extra-cable wiring: connectors are directly pluggable on rear side
- On-device or remote IP-based set-up
- Secure USB port located on the side of the product

# COMPATIBLE WITH EXISTING INSTALLATIONS

Upgrade or complement your installation with MorphoAccess® SIGMA devices by IDEMIA using:

- MorphoManager by IDEMIA or MIK SDK on a Morpho network
- SecureAdmin application or SecureSDK on a Bioscrypt network

<sup>(3)</sup> BioPIN: alternate password solution instead of fingerprints



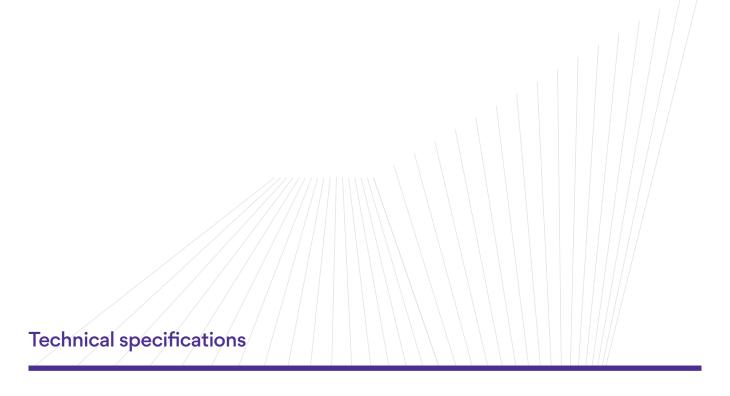






<sup>(1)</sup> Search carried out against single 100K user database

<sup>(2)</sup> NFC: Near Field Communication. Support depends on the smartphone model used with the MA SIGMA



- CPU: ARM® Cortex™-A9 core 1GHz
- Linux Operating System
- 5" WVGA color Touchscreen, VGA Camera
- Loudspeaker & Microphone
- Audio & Video player
- FBI PIV IQS certified optical fingerprint sensor
- Contactless reader options: Prox®, iClass®, MIFARE®/MIFARE® Plus/ DESFire®/NFC(1)
- Network/Communication: Ethernet, RS485, RS422, USB Wi-Fi and 3G options

- Internal storage capacity: 512MB Flash, 512MB RAM + 8GB microSD Card
- 5000 user records (2 fingers + 1 duress each) extendable ur
- + 1 duress each), extendable up to 100,000 with licenses
- 250,000 IDs in authorized user list
- 1 Million transaction logs
- 10,000 face picture logs
- Inputs/outputs: Wiegand In & Out (customizable up to 512 bits), OSDP, Door Relay, 3 GPI (including Door monitoring), 3 GPO
- Power supply: 12V-24V DC
  Power over Ethernet (PoE), compatible with PoE+ switches

- Tamper switches
- Operating conditions:
- Temperature: -20°C to 60°C (-4°F to 140°F)
- Humidity: 10% to 80% (non condensing)
- Ingress Protection: IP65
- Compact with slim profile: HxWxD = 153x151x58,5 mm (6x5,9x2,3 inches)
- **Ultra-light:** about 470 grams (depends on variant)
- EMC/Safety standards:
- CE, CB, FCC, BIS
- UL294 (for indoor use only)
- RoHS, REACh and WEEE compliant





