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

- Time & Attendance features
- Tablet-like user experience
- Videophone function
- Anti-fraud: fake finger & face detection, duress finger
- Full set of contactless technologies including NFC
- IP 65 Weather Resistant design available

… and fast 1:100 000 identification!
United in a team whose experience and skill level have no equivalent in the industry, experts from Morpho and Bioscrypt join 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 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
- White/Black lists

Time & Attendance ready
Increase your workforce management efficiency with:
- Touch-screen 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

Fresh, intuitive, flexible User Interface
The MA SIGMA Series implements the design cues from today’s most intuitive consumer electronics, for fast user adoption:
- 5” WVGA color touch-screen highlighting a sophisticated Graphic User Interface
- Seamless on-device administration
- Extensive customization capabilities: use your own content! (corporate video, audio messages, wallpapers etc.)

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
Multiple Recognition Factors

- NFC technology support
- Full set of contactless smartcard options: Prox®, iClass®, MIFARE®, MIFARE® Plus, DESFire®
- PIN and BioPIN 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 using:

- M2A application or MIK SDK on a Morpho network
- SecureAdmin™ application or SecureSDK™ on a Bioscrypt network

TECHNICAL SPECIFICATIONS

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

- Tamper switches
- Operating conditions:
  - Temperature: -10°C to 55°C (14°F to 131°F)
  - Humidity: 10% to 80% (non-condensing)
- 2 design options: Weather Resistant (IP 65 rated) or Indoor
- Compact with slim-profile: HxWxD = 153x151x58,5 mm (6x5,9x2,3 inches)
- Ultra-light: about 470 grams (depends on variant)
- Replaceable back-up battery
- EMC/Safety standards: CE, CB, FCC, UL294
- RoHS, REACh and WEEE compliant

INDOOR DESIGN

(UL294 CERTIFIED)