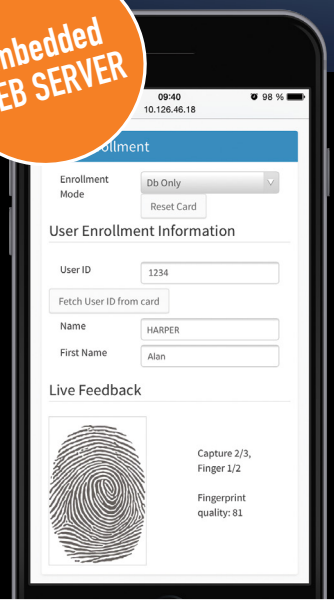
Compatible with Morpho and bioscrypt® existing installations

MORPHOACCESS® SIGMA LITE SERIES

SLIM AND POWERFUL FINGERPRINT ACCESS TERMINALS

Embedded WEB SERVER



- **World's #1 fingerprint technology inside**
  1:10,000 user identification in 1 second
- **High capacity**
  30,000 templates, 250,000 IDs in authorized user list, 1 Million logs
- **Anti-fraud features**
  Fake finger detection, duress finger, timed anti-pass back
- **Flexibility**
  Prox®, iClass® or MIFARE®/DESFire®/NFC contactless card reader as an option
- **Tough design**
  IP65 rated and vandal resistant (IK08)

SAFRAN
Morpho

MORPHOACCESS® SIGMA LITE SERIES

SLIM AND POWERFUL FINGERPRINT ACCESS TERMINALS

SLEEK SLIM STRONG SMART SAFE = THE RIGHT COMBINATION

The SIGMA family welcomes new members!

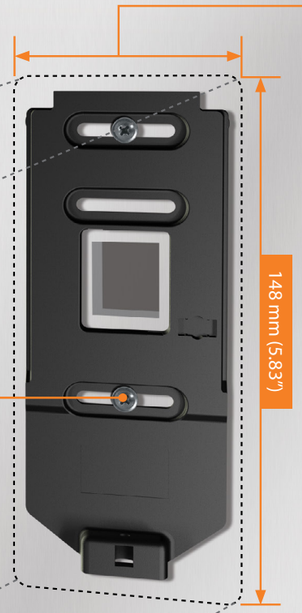
Engineered with the same attention to detail and performance as their predecessor, the MorphoAccess® SIGMA Lite terminals are specifically designed to equip narrow mounting surfaces, such as glass/aluminum door mullions, turnstiles, or server rack doors.
With two designs and multiple card reader options, there are a variety of models to address the widest range of deployment scenarios, both indoors and outdoors.

World's #1 fingerprint technology inside

- Morpho fingerprint technology ranked #1 by NIST for accuracy
- Up to 10,000 users (30,000 templates) in 1:N identification mode
- 1:10,000 user matching in 1 second
- Accuracy maintained regardless of number of users in database
- FBI PIV IQS certified optical sensor

Full set of card reader options

- Prox®
- iClass®
- MIFARE®/MIFARE® Plus/DESFire®/NFC[1]



MA SIGMA Lite
With blue/green/red LED indicator and buzzer

MA SIGMA Lite+
With 2.8" QVGA color touchscreen and buzzer

EMBEDDED WEB SERVER

- Enables on-device enrollment, terminal configuration and transaction log retrieval
- Use with any device (PC, laptop, tablet, smartphone)
- Use with any OS (Windows, Android, Apple iOS)
- Use with any web browser (Google Chrome, Mozilla Firefox, Safari, Internet Explorer)

Enhanced interactivity on MA SIGMA Lite+ touchscreen

- Time & Attendance In & Out function keys
- User ID, PIN and BioPIN[3] management
- Intuitive icons and live messages

Anti-fraud features

- Fake finger detection
- Duress finger
- Timed anti-pass back function[4]
- Banned/authorized user lists

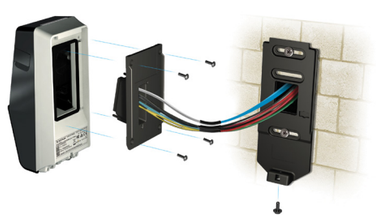
The SIGMA family

BUILT FOR THE REAL WORLD

TOUGH DESIGN[2]

IP65
IK08

EASY INSTALLATION AND MAINTENANCE



COMPATIBLE WITH EXISTING INSTALLATIONS

Morpho and bioscrypt®

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

TECHNICAL SPECIFICATIONS

- **CPU:** ARM® Cortex™-A9 core 1GHz
- **Linux Operating System**
- **FBI PIV IQS certified optical fingerprint sensor**
- **Contactless reader options:** Prox®, iClass®, MIFARE®/MIFARE® Plus/DESFire®/NFC[1]
- **Network/Communication:**
  - Ethernet, RS485, USB
  - Wi-Fi option
- **Power supply:**
  - 12V-24V DC
  - Power over Ethernet (PoE) - Compatible with PoE+ switches
- **Internal storage capacity:** 512MB Flash, 512MB RAM
  - 500 user records, extendable to 3,000 or 10,000 with license (*3 templates each, including 1 duress)
  - 250,000 IDs in authorized user list
  - 1 Million transaction logs
- **Inputs/outputs:** Wiegand In & Out (customizable up to 512 bits), Door Relay, 2 General Purpose Inputs (including Door monitoring), 2 General Purpose Outputs
- **Tamper switches**
- **Operating conditions:**
  - Temperature: -20°C to 55°C (-4°F to 131°F)
  - Humidity: 10% to 80% (non condensing)
- **Ingress protection:** IP65
- **Mechanical impact protection:** IK08[2]
- **HxWxD** = 156*68*62 mm (6.14*2.68*2.44 inches)
- **Weight:** 280 grams
- **EMC/Safety standards:** CE, CB, FCC
- **RoHS, REACh and WEEE compliant**

[1] NFC support depends on the smartphone model used with the MA SIGMA Lite/Lite+ device
[2] IK08 rating is not available for MA SIGMA Lite+ design
[3] Alternate password solution instead of fingerprints
[4] Prevents repeated authorizations by the same user, within a configurable time period

KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

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