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**
  250,000 users (1:1), 10,000 users (1:N), 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**
  Weather (IP65) and vandal (IK08) resistant

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

- Latest generation Morpho embedded algorithms (MINEX and FIPS 201 approved)
- Up to 250,000 users in 1:1 verification mode
- 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

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

60 mm width (2.36″)

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

EMBEDDED WEB SERVER

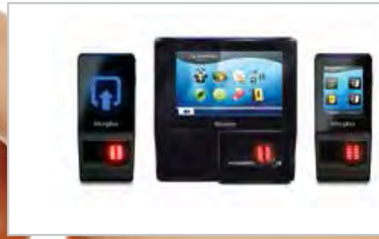
- Enables on-device enrollment, terminal configuration and transaction log retrieval
- Use with any device (PC, laptop, tablet, smartphone)
- Use with any OS (Windows, Android, Apple iOS)
- Use with any web browser (Google Chrome, Mozilla Firefox, Safari, Internet Explorer)

Enhanced interactivity on MA SIGMA Lite+ touchscreen

- Time & Attendance In & Out function keys
- User ID, PIN and BioPIN[2] management
- Intuitive icons and live messages

Anti-fraud features

- Fake finger detection
- Duress finger
- Timed anti-pass back function[3]
- Banned/authTorized user lists



BUILT FOR THE REAL WORLD

WEATHER AND VANDAL[1] RESISTANT BY DESIGN

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
- **Network/Communication:**
  - Ethernet, RS485, USB
  - Wi-Fi option
- **Power supply:**
  - 12V-24V DC
  - Power over Ethernet (PoE)
- **Internal storage capacity:**
  - 512MB Flash, 512MB RAM
  - 1:N mode: 3,000 user records, extendable to 10,000 with license (*3 templates each, including 1 duress)
  - 1:1 mode: 250,000 user IDs
  - 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(1)
- **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] IK08 rating is not available for MA SIGMA Lite+ design
[2] Alternate password solution instead of fingerprints
[3] Prevents repeated authorizations by the same user, within a configurable time period

KEY MISSIONS, KEY TECHNOLOGIES, KEY TALENTS

URBRAND Google Chrome logo: Copyright Google/Chromium Project contributors - Mozilla Firefox logo 2013 by Sean Martell for Mozilla - Safari OSX Yosemite logo by Apple Inc. - Internet Explorer 10 logo by Microsoft
Morpho may, at any time and without notice, make changes or improvements to the products and services offered and/or cease producing or commercializing them - Photos: Morpho - 08/15

MorphoTrak
Contact Us: 1-800-444-0496
5515 E. La Palma Ave., Ste 100
Anaheim, CA 92807 © MorphoTrak – MTK2020815a

SAFRAN
Morpho