MorphoAccess® SIGMA
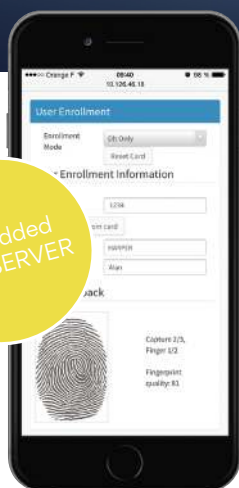## Lite Series BY IDEMIA

Slim and powerful fingerprint access terminals

Compatible with Morpho and *bioscrypt*® existing installations

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

Flexibility
Prox®, iClass® or MIFARE®/DESFire®/ NFC contactless card reader as an option

Anti-fraud features
Fake finger detection, duress finger, timed anti-pass back

Tough design
IP65 rated and vandal resistant (IK08)

〈〈|〉〉 IDEMIA

The SIGMA family welcomes new members!

Engineered with the same attention to detail and performance as their predecessor, the MorphoAccess® SIGMA Lite terminals by IDEMIA 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.

MA SIGMA Lite

With blue/green/red LED indicator and buzzer

60 mm

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

Adjustable attachment to axis or to either side of axis

Full set of card reader options

- Prox®
- iClass®
- MIFARE®/MIFARE® Plus/DESFire®/NFC[1]
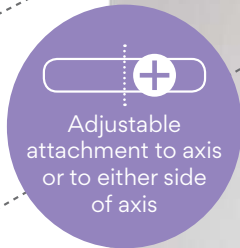
Built for the real World

| TOUGH DESIGN[2] | EASY INSTALLATION AND MAINTENANCE | COMPATIBLE WITH EXISTING INSTALLATIONS |

IP 65

IK 08

Morpho
and
bioscrypt®

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

[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

148 mm (5.83")

(2.36")

MA SIGMA Lite+

With 2.8" QVGA color
touchscreen and buzzer

```
        S
        T
    S   R
    O   O
    L   N   S   S
S   I   G   M   A   = THE RIGHT COMBINATION
L   M       A   F
E   E       R   E
E           T
K
```

Monday   11:30:41

Morpho

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

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
(Apple iOS, Android,
Windows)

Use with any web browser
(Google Chrome,
Mozilla Firefox, Safari,
Internet Explorer)

(3) Alternate password solution instead of fingerprints
(4) Prevents repeated authorizations by the same user, within a configurable time period

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), OSDP, 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, BIS
  - UL294 (for indoor use only)

- **RoHS, REACh and WEEE compliant**

THE SIGMA FAMILY

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