

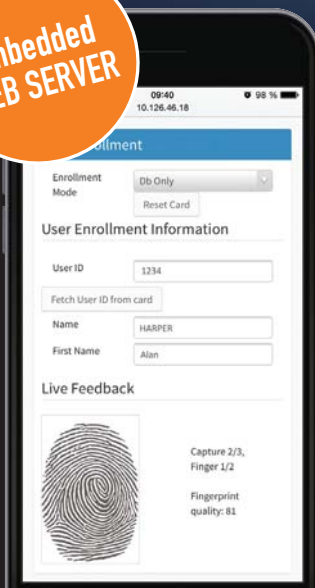
MORPHOACCESS® SIGMA LITE SERIES

SLIM AND POWERFUL FINGERPRINT ACCESS TERMINALS

Compatible with
Morpho and biocrypt®
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
- **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)

MORPHOACCESS® SIGMA LITE SERIES

SLIM AND POWERFUL FINGERPRINT ACCESS TERMINALS

STANDARD SLIM SERIES
SLIM SERIES
SLIM SERIES

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

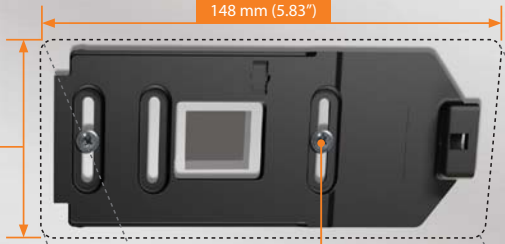
Full set of card reader options

- Prox®
- iClass®
- MIFARE®/MIFARE® Plus/DESFire®/NFC⁽¹⁾



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

SLIM SERIES



60 mm width (2.36 inch)



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

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⁽⁴⁾
- Banned/authorized user lists

The SIGMA Family

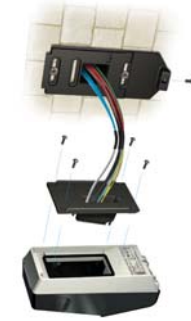


BUILT FOR THE REAL WORLD

TOUGH DESIGN⁽²⁾



EASy INSTALLATION and MAINTENANCE



COMPATIBLE WITH EXISTING INSTALLATIONS

Morpho and bioscrypt®

- Using MorphoManager application or MIF 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, RS-485, 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⁽³⁾
- **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**

⁽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

