# SMA-L-MULTI

## MA SIGMA Lite - Multi, Multi-factor Bio/Card, MIFARE/MIFARE Plus/DESFIRE, 500 users, IP65, CE

### MA SIGMA Lite & MA SIGMA Lite Plus Series

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 (with touchscreen: MA SIGMA Lite Plus ; without touchscreen: MA SIGMA Lite) and multiple embedded card reader options, there are a variety of models to address the widest range of deployment scenarios, both indoor and outdoor.

### Embedded web server

The MA SIGMA Lite Series enables on-device enrollment, terminal configuration and transaction log retrieval thanks to the embedded web server. Moreover, it can be used with any device (PC, laptop, tabled, smartphone), any operating system (Windows, Android, iOS) or any web browser (Google Chrome, Mozilla Firefox, Safari and Internet Explorer).

### Enhanced interactivity

Thanks to the 2.8” QVGA touchscreen on the MA SIGMA Lite Plus Series, you can benefit from an enhanced user experience. The MA SIGMA Lite Plus holds T&A in and out function keys, User ID/PIN/BioPin management and intuitive icons and live messages.

### Compatible with existing installations

The MA SIGMA Lite Series can be used to upgrade an existing installation or to complement the installation with MorphoAccess® SIGMA (Lite) devices using the MorphoManager application or MIK SDK on a Morpho network or the SecureAdmin™ application or SecureSDK™ on a BioScrypt network.

### Enhanced security features

The MA SIGMA Lite Series encompasses the latest and greatest anti-fraud features, such as: fake finger detection, duress finger, timed anti-pass back function and banned/authorized user lists.




### Details

- Leading 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
- Advanced anti-fraud features
- Flexibility - Optional Prox, iCLASS or MIFARE/DESFire contactless card reader
- Tough design - IP65 rated and vandal resistant (IK08, SIGMA Lite only)

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## Technical specifications

### System

| | |
|---|---|
| Max. reader distance to panel | Ethernet: 100 m, RS485: 1219 m |
| RTE (Request To Exit) | No |
| CSN (Card Serial Number) | Yes |
| Custom data model | Yes |
| No. of LEDs | 1 |

### Technology

| | |
|---|---|
| Reader type | Biometryczny |
| Reader operating-transmitting frequency | 13.56 MHz |
| Supported technology 13.56 MHz | MIFARE Classic (CSN), MIFARE Classic (własne dane), MIFARE DESFire (CSN), MIFARE DESFire EV1 (CSN), MIFARE DESFire EV1 (własne dane), Mifare DESFire EV2 (CSN), MIFARE Plus (CSN), MIFARE Plus (CSN, poziom 1 i 3), NFC (CSN) |
| SAM module embedded | No |

### Biometric

| | |
|---|---|
| Biometric type | Linie papilarne |
| Biometric sensor type | Optyczny |

### Interface & connections

| | |
|---|---|
| Interface | Ethernet, OSDP V2, OSDP V2 Secure Channel, RS-485, USB, Wiegand |
| Connector type | Netværk, Svinesvans |
| Pigtail length | 40 cm |

### Tamper type

| | |
|---|---|
| Pry-off tamper | No |
| Opening tamper | Yes |

### Operation

| | |
|---|---|
| Stand-alone | Yes |
| PIN keypad | No |

### Electrical

| | |
|---|---|
| Power supply type | VDC |
| Power supply value | 12 to 24 VDC |

### Physical

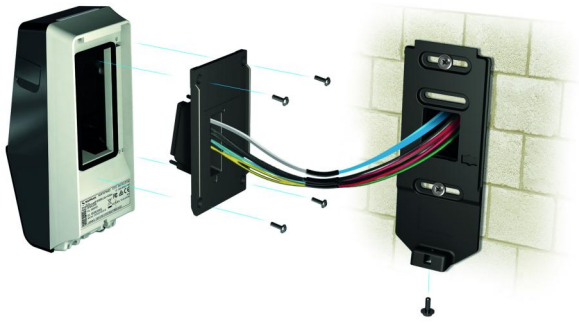
| | |
|---|---|
| Net weight | 280 g |
| Shipping weight | 325 g |
| Colour | Sort |
| Material | Polycarbonat |
| Form factor | Overdimensioneret |
| Mounting type | Montaż nawierzchniowy |

### Environmental

| | |
|---|---|
| Vandal proof | No |
| Storage temperature | -10 to +55°C |

### Regulatory

| | |
|---|---|
| Compliancy | CE, FCC, REACH, RoHS |



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