SMA-LP-MULTI

MA SIGMA Lite Plus - Multi, 2.8 inch QVGA touchscreen, Multi-factor Bio/Card, MIFARE/MIFARE Plus/DESFIRE, IP65, 500 users, 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

Reading distance	1.5 cm
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	BioMetric
Reader operating-transmitting frequency	13.56 MHz
Supported technology 13.56 MHz	MIFARE Classic (CSN), MIFARE Classic (custom data), MIFARE DESFire (CSN), MIFARE DESFire EV1 (CSN), MIFARE DESFire EV1 (custom data), Mifare DESFire EV2 (CSN), MIFARE Plus (CSN), MIFARE Plus (CSN, level 1 and 3), NFC (CSN)
SAM module embedded	No

Biometric

Biometric type	Fingerprint
Biometric sensor type	Optical

Interface & connections

Interface	Ethernet, OSDP V2, OSDP V2 Secure Channel, RS-485, USB, Wiegand
Connector type	Network, Pigtail
Pigtail length	30 cm

Tamper type

Pry-off tamper	No
Opening tamper	Yes

Operation

Stand-alone	Yes
PIN keypad	Yes
PIN length	6

Electrical

Power supply type	PoE in
Power supply value	12 to 24 VDC

Physical

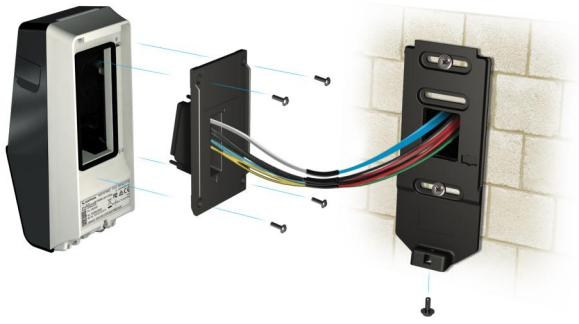
Physical dimensions	68 x 156 x 62 mm
Net weight	280 g
Shipping weight	325 g
Colour	Black
Material	Polycarbonate
Form factor	Oversized
Mounting type	Surface mount

Environmental

Vandal proof	No
Environment	Outdoor
Operating temperature	-20 to +55°C
Storage temperature	-20 to +55°C
Relative humidity	10 to 80% noncondensing
IP rating	IP 65

Regulatory

Compliancy	CE, FCC, ICASA, REACH, RoHS, UL 294, WEEE



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