

## MA SIGMA Lite Series

Slim access control and time & attendance fingerprint stations

### 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, tablet, 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.



### Standard Features

- 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/ NFC contactless card reader
- Tough design - IP65 rated and vandal resistant (IK08, SIGMA Lite only)

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## Specifications

CPU	ARM® Cortex™-A9 core 1 GHz
Operating system	Linux operating system
<b>Touchscreen</b>	
Sigma Lite	Not applicable
SIGMA Lite Plus	2.8" QVGA color touchscreen
Sensor certification	FBI PIV IQS certified optical fingerprint sensor
Contactless reader options	Prox®, iClass®, MIFARE®, MIFARE® Plus, DESFire®, NFC
<b>Network / Communication</b>	
	Ethernet, RS485, USB
	Optional Wi-Fi
<b>Internal storage capacity</b>	
	512MB flash, 512MB RAM
	500 user records (2 fingers + 1 duress each), extendable up to 10,000 with licenses
	250,000 user IDs in white list
	1 million transaction logs
<b>Inputs / Outputs</b>	
	Wiegand in & out (customizable up to 512 bits), door relay, 2 GPI (including door monitoring), 2 GPO
Power supply	12V-24V DC
	PoE - PoE+
Tamper switches	Yes
<b>Operating conditions</b>	
	Temperature: -20°C to 55°C
	Humidity: 10% to 80% (non-condensing)
Ingress protection	Weather resistant (IP65 rated)
<b>Mechanical protection</b>	
SIGMA Lite	IK08
SIGMA Lite Plus	Not applicable
Dimensions	HxWxD = 156x68x62 mm
Weight	280g
EMC / Safety standards	CE, CB, FCC, RoHS, REACH and WEEE compliant

## Ordering Information

Part No.	Description
SMA-L-BIO	
SMA-L-PROX	Slim access control and time & attendance fingerprint stations
SMA-L-MULTI	Slim access control and time & attendance fingerprint stations
SMA-L-ICLASS	Slim access control and time & attendance fingerprint stations
SMA-LP-BIO	
SMA-LP-PROX	Slim access control and time & attendance fingerprint stations
SMA-LP-MULTI	
SMA-LP-ICLASS	
SMA-DB-10K	MorphoAccess <sup>z</sup> , SIGMA Series, database size upgrade 10K users

