SMA-ICLASS-WR

SIGMA Series - Outdoor/WR/IP65, Multi-factor Bio/Card/PIN/BioPIN (3k users incl.), HID iClass, 1M logs storage capacity, PoE incl.

Ultra-Secure

Experts from Morpho and Bioscrypt joined forces to design the best of breed fingerprint identification terminal. Tailored for both access control and time & attendance applications, the MorphoAccess® SIGMA (MA SIGMA) Series implements 20 patents to master biometric identification and deliver a host of additional features, together with a refined and enjoyable user experience. Building upon the well-known Bioscrypt platform, the product range is further enhanced with additional anti-fraud and anti-buddy punching features. New generation Morpho algorithms (MINEX and FIPS 201 approved) ensure accuracy is maintained regardless of the number of users.



Fresh, intuitive, flexible user interface

The MA SIGMA Series implements the design cues from today's most intuitive consumer electronics for fast user adoption. Housing a 5" WVGA color touchscreen, on-device administration is as easy as 1,2,3. The flexible user interface, complemented with the built-in videophone functionality, allows you to use your own content like corporate videos, audio messages, wallpapers etc. Furthermore, the touchscreen features 16 programmable function keys allowing access to time slots, holiday schedules and punch records (up to 1 million logs storage capacity).

Multiple recognition factors

In addition to fingerprint, the MA SIGMA Series supports the most frequently used authentication methods in the field such as Prox®, iClass®, MIFARE®, MIFARE® Plus, DESFire®, NFC, PIN and BioPIN.

Compatible with existing installations

The MA SIGMA Series can be used to upgrade an existing installation or to complement the installation with MorphoAccess® SIGMA devices using the M2A application or MIK SDK on a Morpho network or the SecureAdmin™ application or SecureSDK™ on a Bioscrypt network.

Détails

- The World's most accurate fingerprint technology is further enhanced with additional antifraud and anti-"buddy punching" features
- Face detection and picture logging
- Fake finger detection, Duress finger
- Banned/authorized user lists
- Seamless on-device administration
- Extensive customization capabilities: use your own content! (corporate video, audio messages, wallpapers etc.)
- Touchscreen Time Clock, featuring 16 programmable function keys
- Access time slots and holidays scheduling
- Accurate punch records (up to 1 Million logs storage capacity)
- Real-time employee notifications
- Job Code management
- Built-in camera, speaker and microphone
- Standard IP-based video and audio interface
- Call-in function: employees can quickly report a problem right from the Time Clock
- Surveillance: the terminal can be used by security staff to get pictures remotely from the security post
- Morpho fingerprint technology ranked #1 by NIST for accuracy
- 1:100K identification in less than 1 second (for frequent users)
- Exclusive optimizations tailored for access control
- Accuracy maintained regardless of number of users
- FBI PIV IQS certified optical sensor
- Flush mounted "quick-tilt" access

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Spécifications techniques

Système

Distance max. entre le lecteur et la centrale	Ethernet: 100 m, RS485: 1219 m
RTE (demande de sortie)	Non
CSN (numéro de série carte)	Oui
Modèle de données personnalisé	Oui
Nbre de LED	1
Langue du manuel d'installation	English

Technologie

Type de lecteur	Biométrique
Fréquence de transmission du fonctionnement du lecteur	13.56 MHz
Technologie supportée 13,56 MHz	iCLASS (CSN), iCLASS (custom data), iCLASS SEOS

Biométrique

Type de biométrie	Empreinte digitale
Type de capteur biométrique	Optical
Taille de stockage modèle biométrique	5000 user records (2 fingers + 1 duress each), extendable up to 100 000 with licenses

Interface et connexions

Interface	Ethernet, OSDP V2, OSDP V2 Secure Channel, RS-485, USB, Wiegand
Type de connecteur	Réseau, Bornier

Type d'autoprotection

Levier d’arrêt inviolable	Non
Ouverture d'autoprotection	Oui

Opération

Autonome	Oui
Code PIN clavier	Oui
Longueur du code PIN	6 digits

Électrique

Tension de fonctionnement	12 to 24 VDC
Type de bloc d’alimentation	VDC
Consommation de courant	1 A min. @12V

Caractéristiques physiques

Dimensions physiques	151 x 153 x 59 mm
Poids net	525 g
Poids à l'expédition	565 g
Couleur	Noir
Matériel	Polycarbonate
Types de format	Surdimensionné
Type de montage	Montage en surface

Environnement

Protection contre le vandalisme	Non
Environnement	Intérieur, Extérieur
Température de fonctionnement	-20 to +60°C
Température de stockage	-20 to +60°C
Indice de protection	IP65

Régulateur

Conformité	CE, FCC, REACH, RoHS, UL 294, WEEE

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