Carrier

SMA-MULTI-WR

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

Details

- 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

SMA-MULTI-WR

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

Technical specifications

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)
No. of Mifare bytes CSN	4 Byte (S50), 7 Byte (S70)

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

Biometric

Biometric type	Fingerprint
Biometric sensor type	Optical
Biometric template storage size	5000 user records (2 fingers + 1 duress each), extendable up to 100 000 with licenses

Interface & connections

Interface	Ethernet, OSDP V2, OSDP V2 Secure Channel, RS-485, USB, Wiegand
Connector type	Network, Terminal Strip

Tamper type

Pry-off tamper	No
Opening tamper	Yes

Operation

Stand-alone	Yes
PIN keypad	Yes
PIN length	6 digits

Support

Language installation manual	English

Electrical

Operating voltage	12 to 24 VDC
Power supply type	VDC
Current consumption	1 A min @12V

Physical

Physical dimensions	151 x 153 x 59 mm
Net weight	525 g
Shipping weight	565 g
Colour	Black
Material	Polycarbonate
Form factor	Oversized
Mounting type	Surface mount

Environmental

Vandal proof	No
Operating temperature	-20 to +60°C
Storage temperature	-20 to +60°C
Environment	Indoor / Outdoor
IP rating	IP65

Standards & regulation

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