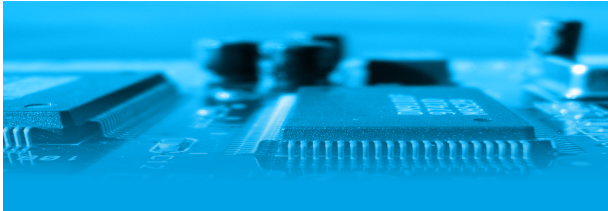# PRODUCT DATASHEET

PORTABLE READER MOBILIS 3

Highlights

SPEED & EFFICIENCY
A lightweight, easy-to-use terminal with touch screen, MOBILIS 3 offers ultra-fast RFID or QR-code reading. The graphic theme presents clear information, with photo, ID and green or red background displayed according to the control status.

DATA SECURITY
Operator login to respect the rights assigned to the agent in MICROSESAME: user data (photo, name, department...) and readers/accesses authorized to be controlled.
Stored passwords signed with hash & salt.
Secure server communication (https link with TLS 1.3 certificates).
SQL lite database encryption.
Deletion of MOBILIS data after a configurable period without connection to the server, or manually by authorized operator.
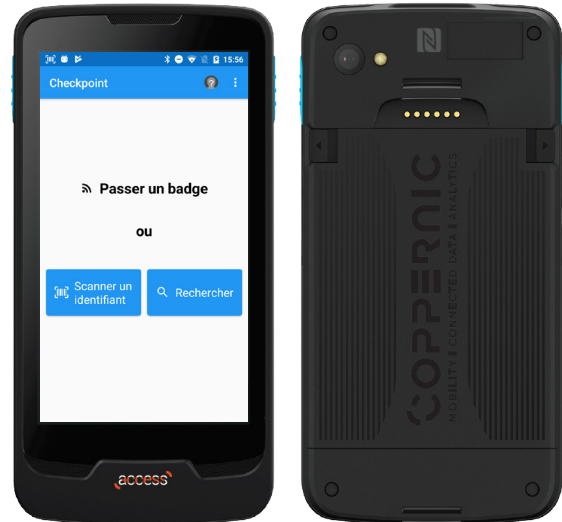No badge key stored as CSN is read.

ROBUSTNESS
Rugged terminal (IP67), designed for outdoor use from -20°C to +50°C and up to 85% humidity.

Mains features

- Identification of a person by name, license plate, badge or QR code received by email
- On-screen display of authorized information: photo, surname, first name, expiry date, authorization, etc.
- Checking a person's validity, with/without access rights and possible reason for refusal (validity,...)
- Possibility of manual refusal by the operator of a validated access (e.g.: the user does not have his safety equipment), with entry of the reason for historical record.
- View terminal control history
- Quick access to last viewed identifications
- Docking station for battery charging and automatic IP synchronization with MICROSESAME server

Mobility, speed and safety

MOBILIS 3 is a wireless handheld terminal incorporating a 13.56 MHz badge reader and QR code reader. Communicating with MICROSESAME in real time or on synchronization, it enables rapid mobile identity and access control, with or without a network.

Thanks to MOBILIS 3, the security guard is able to fluidify important passages at site entrances and exits, and check the identity and/or rights of the person by verifying the authorized personal data (photo, surname, first name, authorizations, etc.) present in MICROSESAME.

In online mode (wifi), dialogue with MICROSESAME takes place in real time, with no local storage of identified data.
In offline mode, by choice or due to site constraints, data is downloaded to the terminal, with automatic or manual synchronization when the network is reconnected.In both cases, the checks are stored in the MICROSESAME history.

Here are a few examples of the use cases :
- Simulate a physical entry reader to check the validity of employees arriving by bus or car, with or without access rights.
- Carry out unannounced checks on people inside defined areas, at random or on suspicious behavior.
- Find the owner of a suspicious or badly parked vehicle by recording the license plate.
- Check the validity of temporary visitors by reading their QR codes received by email or printed on paper passes.
- Anonymize identified files by displaying only the person's photo and validity status when a badge or QR Code is read for security.

INTEGRATED ACCESS CONTROL SYSTEM

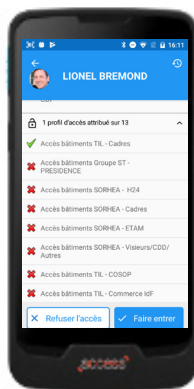| MOBILE READERS	ELECTRONIC MODULES	WALL-MOUNTED READERS

PORTABLE READER MOBILIS 3

Dimensions

17,2 mm   79 mm

158 mm

Access authorized

References

MOBILIS Reader
- MOBILIS31: MOBILIS 3 handheld reader for 13.56 MHz badges + QR codes - with 4000 mAh battery, hand strap, USB-C cable and EU plug

MOBILIS Licences for MICRO-SESAME
- MOBILIS3-LOG: Mobile badge control license for MOBILIS 3 (MICRO-SESAME >2018.5)

Accessories
- MOBILIS3-BAT40: additional 4000 mAh battery
- MOBILIS3-STATION: docking station for charging a MOBILIS + charging 1 additional battery + network communication
- MOBILIS3-PROTEC: screen protection
- MOBILIS3-HOUSSE: protective cover for Mobilis 3 portable player

Technical details

- **Software platform :**
  Qualcomm SDM660, Octa Core 2.2 GHz processor
  Operating system: Android 10
- **Memory :** 4 GB RAM - 64 GB Flash, Micro SD slot. High-volume offline storage capacity of over 100,000 photo IDs
- **Communications :** WiFi (2.4 GHz - 5 GHz) 802.11 a/b/g/n/ac, IP secured (https protocole TLS 1.3), Bluetooth, GSM, GPRS, EDGE, 3G, 4G
- **Integrated GPS :** GPS | A-GPS | GLONASS | BeiDou | Galileo
- **RFID reader :** CSN reading13.56 MHz, ISO 14443 A/B
- **Barcode reader :** Imager 2D Honeywell N6603
- **Power :** 4000 mAh Li-ion removable battery
  QC3.0 Quick Charge Stand, Docking station for terminal charging and auxiliary battery
- **LCD Touchscreen :** 5" HD (1280x720), Capacitative,
- **Camera :** Front : 5 MP | Rear 13 MP Autofocus
- **Pilotage :** Finger or stilet
- **Dimensions :** 158 mm x 79 mm x 17,2 mm
- **Operating temperature :** from -20°C to +50°C
- **Humidity :** 5%-85%
- **Fall :** 1.2 m
- **Rain and dust resistance :** IP67
- **Weight :** 0,270 kg battery included

Compatibility & integration

- Badges 13.56 MHz : n° CSN
  The MOBILIS 3 manages several identifiers of the same technology. E.g.: 2 different DESFIRE badges for the same user.

- MICROSESAME integration from version 2018.5 or higher

ISO 9001
ISO 45001
BUREAU VERITAS
Certification

FRENCH SAVOIR FAIRE

TIL TECHNOLOGIES
ELECTRONIC SECURITY SYSTEMS