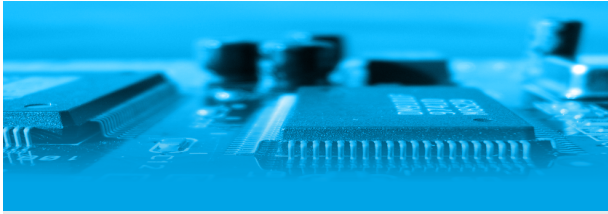# PRODUCT DATASHEETS

MOBILIS 3

Highlights

SPEED & EFFICIENCY

A lightweight and easy-to-use terminal with a touch screen, MOBILIS 3 offers very fast RFID or infrared (QR-code) reading. It makes it possible to fluidize important passages at the entrance/exit of a site or to quickly control badge holders inside a site.
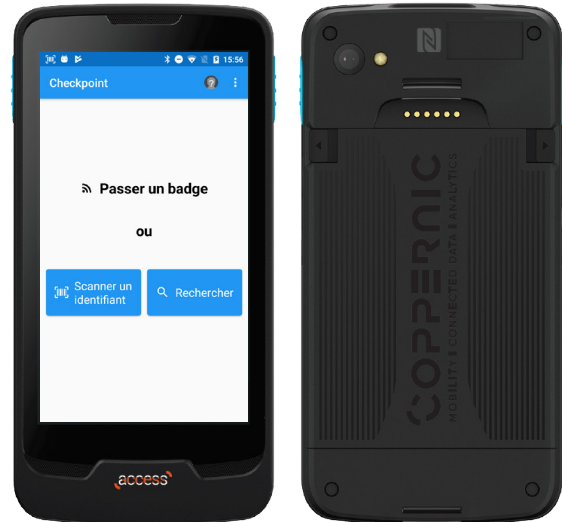
SECURITY

Operator login to respect the rights assigned to the agent in MICRO-SESAME: accessible user data (name, first name, service...) and readers / access allowed to control.
Passwords stored as signatures, with hash and salt.
No badge key stored because reading CSN.
Data stored locally erasable at any time (according to user agent rights).

ROBUSTNESS

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

Main features

- Identification of a person by name, license plate, reading his badge or a QR code received by email.
- On-screen display of key information: photo, name, first name, date of expiry, authorization...
- Control of (rights) access of a person with reason for possible refusal (validity, authorization...).
- Possibility of manual refusal by the operator of a validated access (e.g.: the user does not have his security equipment), with entering the reason to keep a history.
- View the history of terminal controls.
- Quick access to the latest identified visualized with possibility of phone call (if filled in and according to mobile plan).

Mobility, speed and security

MOBILIS 3 is a portable wireless terminal that integrates a 13.56 MHz badge reader and infrared reader of QR codes.
Communicating with MICRO-SESAME over Wi-Fi, it allows mobile identity and access controls, with or without a network.

The security agent checks the identity and/or the rights of the person by checking his personal data (photo, name, first name,...) and the information present in MICRO-SESAME.

In online mode, with wifi connection, the dialog with MICRO-SESAME is carried out in real time, without local storage of the data of the identified.
In offline mode, by choice or due to constraints on the site, the data is downloaded to the terminal, with automatic or manual synchronization during network reconnection.
In all cases, the controls go back to the MICRO-SESAME history.

Some examples of use cases:
- Simulate a physical input reader to quickly check employees arriving by bus, directly in the vehicle.
- Perform unannounced checks of persons within specified areas, randomly or on suspicious behavior.
- Find the owner of a suspicious or incorrectly parked vehicle by entering the license plate.
- Welcome visitors who have received a QR code by email and guide them to an area or apply defined instructions.

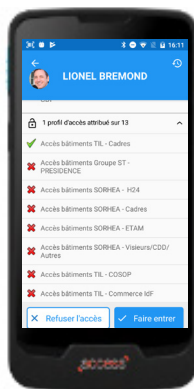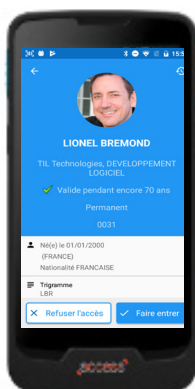| CENTRALIZED SYSTEM FOR ACCES CONTROL		
MOBILE READERS	ELECTRONIC MODULES	WALL READERS

MOBILIS 3 READER

Dimensions

17,2 mm   79 mm

158 mm

Technical details

- **Software platform :**
  Qualcomm SDM660, Processeur Octa Core 2.2 GHz
  Système d'exploitation : Android 10
- **Memory :** 4 Go RAM - 64 Go Flash, Micro SD Slot
- **Communication :** WiFi (2.4 GHz - 5 GHz), 802.11 a/b/g/n/ac
  Bluetooth, GSM, GPRS, EDGE, 3G, 4G
- **GPS :** GPS | A-GPS | GLONASS | BeiDou | Galileo
- **RFID reader :** CSN reading, 13.56 MHz, ISO 14443 A/B
- **Barcode reader :** Imager 2D Honeywell N6603
- **Power supply :** High capacity Li-ion battery, 4400 mAh, extractable.
  QC3.0 Support Fast Charge. Power adapter + available Charge
  Docking Station for 1 MOBILIS terminal and 1 additional Battery
- **Touch sensitive screen :** 5" HD (1280x720), capacitive
- **Brightness :** 165 cd/m2, suitable for outdoor use (sun)
- **Camera :** Front : 5 MP | Back : 13 MP Autofocus
- **Piloting :** finger or stylus (optional)
- **Dimensions :** 158 mm x 79 mm x 17,2 mm
- **Operating temperature :** from -20°C to +50°C
- **Humidity :** 5%-85% without condensation
- **Resistance to rain and to dust :** IP67
- **Fall resistance:** 1.2 m
- **Weight :** 0,270 kg (including battery)

Product references

MOBILIS Reader
- MOBILIS31 : portable 13,56 MHz + QR codes reader, battery 4400mAh, hand belt, USB-C cable and EU power adapter

MOBILIS software Licence
- MOBILIS3-LOG : Checkpoint software license for badges check & access control (MICRO-SESAME >2018.5)

Accessories
- MOBILIS3-BAT40 : additional battery - 4400 mAh
- MOBILIS3-STATION : docking station for 1 MOBILIS 3 reader charging + 1 additional battery charging + network communication
- MOBILIS3-PROTEC : screen protection
- MOBILIS3-HOUSSE : protection cover
- MOBILIS-STYLET5 : pack of 5 stylus

Compatibility & Integration

- 13.56 MHz badges : serial number (CSN)
  MOBILIS 3 can manage several identifiers of the same technology
  Ex: 2 different DESFIRE badges for the same ID
- MICRO-SESAME integration from v 2018-5 or later

TIL TECHNOLOGIES
ELECTRONIC SECURITY SYSTEMS