TCM3

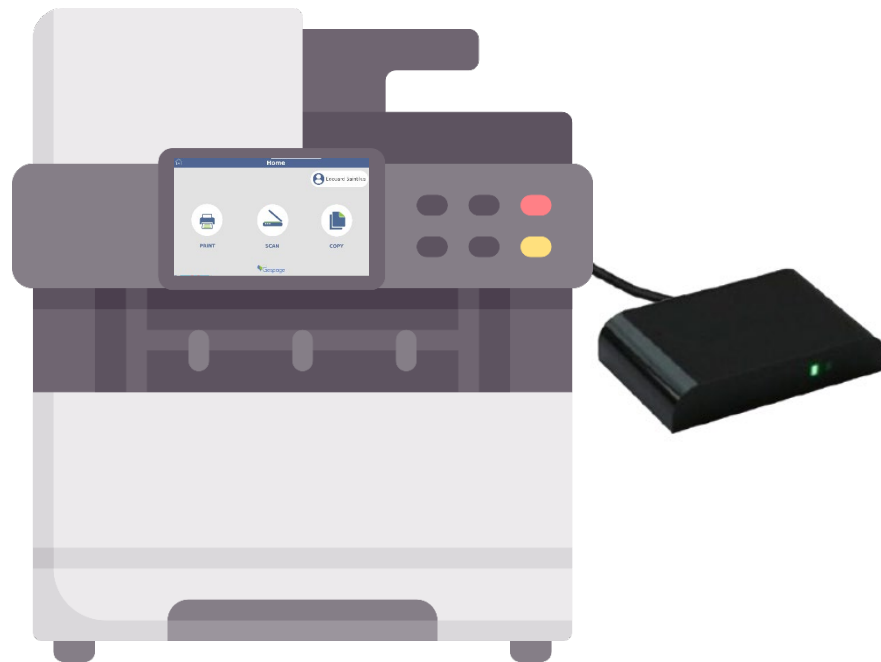## RFID cards reader Mono Frequency including the NFC

With its small size and unique design, the Cartadis TCM3 is a reader of contactless cards. This reader is single frequency and has been optimised for the management of Radio Mifare 13.56 MHz technologies or 125kHz. By default, they emulate a USB keyboard and therefore do not require driver setup on Windows PCs.

Application fields

Secured print: direct connection to the USB port of many multifunction for identifying the user and release the prints (with Print2me function available) or making copies.
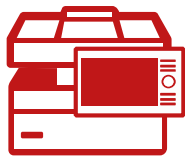
Option for the Cartadis cPad terminal: integrated into the designed shape of the cPad, the **TCM3** enables the user to be identified by using a card with a solution like Gespage, performing print management within an organization.

PC applications: RFID tag entry, enrolment of a user's card in a database, secured access to some applications …

Point of sale: connection to the cash registers for loyalty management.

OEM: Cartadis assists its customers by providing a customization service of the **TCM3** readers on the management of the specific RFID cards or USB protocols.

MFP/Printer	PC	Touchscreen	Access
Time clock	Charger	Car park	Restaurant

✓ Identification with the NFC of an Android smartphone can be performed using the CartadisID application available for free on the store.

✓ The USB communication may be set, depending on the choice, in keyboard HID protocol or CCID.

✓ A configuration tool, standard supplied, enables transformation filters of the card identifiers to be installed.

Specifications

The **TCM3** is available in three versions:

Compatibility with cards for each TCM3 model (partial list):

✓ **TCM3-Mifare** (13.56 MHz)
  .ISO14443-A: MIFARE (Classic, DESFire, A ATQA, Plus S, X, Pro X, Smart MX, Ultralight…), LEGIC Advant, HID iCLASS SEOS
  .ISO18092: NFC, Sony FeliCa
  .ISO15693: LEGIC Advant (UID essentially) - **Cartadis ID**
  . HID USB Keyboard or CCID protocol.
✓ **TCM3-125** (125kHz/134.2kHz)
  . EM4100, EM4102, EM4105, EM4200, EM4305, FDX-B, StartProx, Hitag 1&2, Indala, Biphase, Nedap, Pyramid
✓ **TCM3-HID** (125kHz/134.2kHz)
  . HID DuoProx II, HID ISO Prox II, HID Micro Prox, HID ProxKey III, HID Prox, HID Prox II.

✓ Equipped with Led indicators and a buzzer for power-on and reading.

✓ The interface operates up to 10 cm (according to the transponder).

✓ Dimensions: L = 80 mm; H = 50 mm; Depth = 15 mm; Weight = 50 g.