TCM3

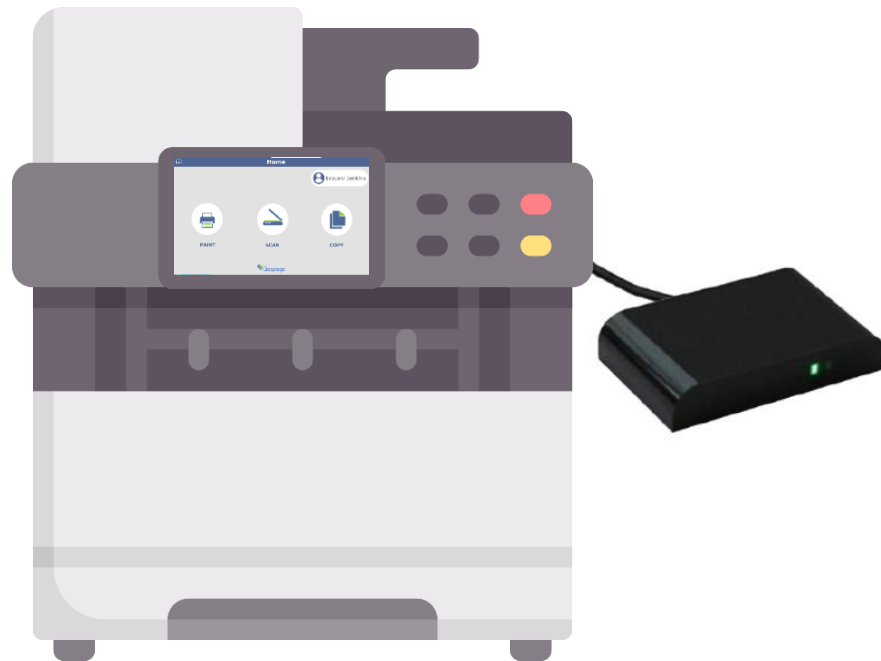## RFID cards reader including the NFC

With its small size and unique design, the Cartadis TCM3 is a reader of contactless or proximity cards. This reader is single frequency and has been optimised for the management of 13.56 Mhz or 125 Khz MiFare technologies. 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 multifunctions for identifying the user and release the prints (with Print2me function available) or making copies.
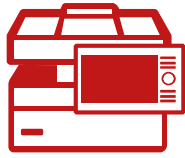
Option for the Cartadis cPad terminal: integrated into the designed shape of the cPad, the **TCM3** enables the user to be identified by using a card with a solution like Gespage, PaperCut,etc …

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 the 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.
✓ Fitted with Led light indicators and a buzzer for power-on and reading.
✓ The interface operates up to 10cm (according to the transponder).
✓ Dimensions: L = 80 mm; H = 50 mm; Depth = 15 mm; Weight = 50 g.