# TCM4

## RFID cards reader Multi Frequency including the NFC



The small-sized **Cartadis TCM4** readers of multi-frequency contactless cards are compatible with most of the cards on the market in 13.56 MHz or 125KHz technology. By default, they emulate an USB keyboard and therefore do not require driver setup on Window PCs and MFPs. The **TCM4** offers two options, Izly and Bluetooth.

## 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.
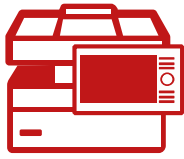
**Option for the Cartadis cPad terminal**: integrated into the designed shape of the cPad, the **TCM4** enables the user to be identified by using a card with a solution like Gespage, performing print management within an organization.

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

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

**OEM**: Cartadis assists its customers by providing a customization service of the **TCM4** readers on the management of the specific RFID cards or USB protocols.

# TCM4: Application fields

| | | | |
|:---:|:---:|:---:|:---:|
| 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 identification using Bluetooth from IOS or 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.

✓ Very simple configuration by copy / paste or transfer by mobile or card.

# Specifications

The **TCM4** is available in one version and two options:

**TCM4** is compatible with the following cards (partial list):

✓ **13.56MHz**
. **ISO14443-A**: MIFARE (Classic, DESFire, A ATQA, Plus S, X, Pro X, Smart MX, Ultralight…), LEGIC Advant, HID iCLASS SEOS
. **ISO14443-B**: Calypso, HID iCLASS
. **ISO18092**: NFC, Sony FeliCa
. **ISO15693**: LEGIC Advant, HID iCLASS, iCLASS SE/SR/Elite (UID uniquement), ICODE SLI - **Cartadis ID**.

✓ **125kHz/134.2kHz**
. EM4100, EM4102, EM4105, EM4200, EM4305, FDX-B, HID xxProxx, StartProx, Hitag 1&2, Indala.

Options:
. **Bluetooth:** Android and IOS authentication using Bluetooth.
. **IZLY**: for access control and payment for IZLY student cards.

✓ 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.