



## uCube

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## USER MANUAL

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VERSION 1.2

## Contact

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uCube is designed and produced by YouTransactor, 32 rue Brancion  
75015 Paris France.

For any open questions, please contact your dedicated support.

It may be, depending upon the commercial distributary and your organization the following:

- Your Merchant Acquirer
- Your Service Provider
- Your Helpdesk or maintenance services

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## General Usage

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### Warning

uCube is a hand-held device and must not be installed on a swivel arm or similar apparatus when used with payment applications.

The merchant or his staff must hand over the uCube to the card-holder before he enters his PIN.

The card-holder should be informed that virtual observation of his PIN is deterred by the hand-held use of the terminal and while entering a PIN the card-holder should shield it from inquisitive views.

uCube was designed to work with a smartphone or a tablet on which is installed a specific application that handle the transaction in relation with the PSP or acquirer server.

The description of the payment application depends of the implementation of the solution implemented by the PSP or acquirer.

### Concerning the security policy

The document 001612-1.x -R&D-ALC-uCube PCI PTS Security Policy can be found in the PTS Devices approved listed on PCI SCC web site.

# uCube Overview

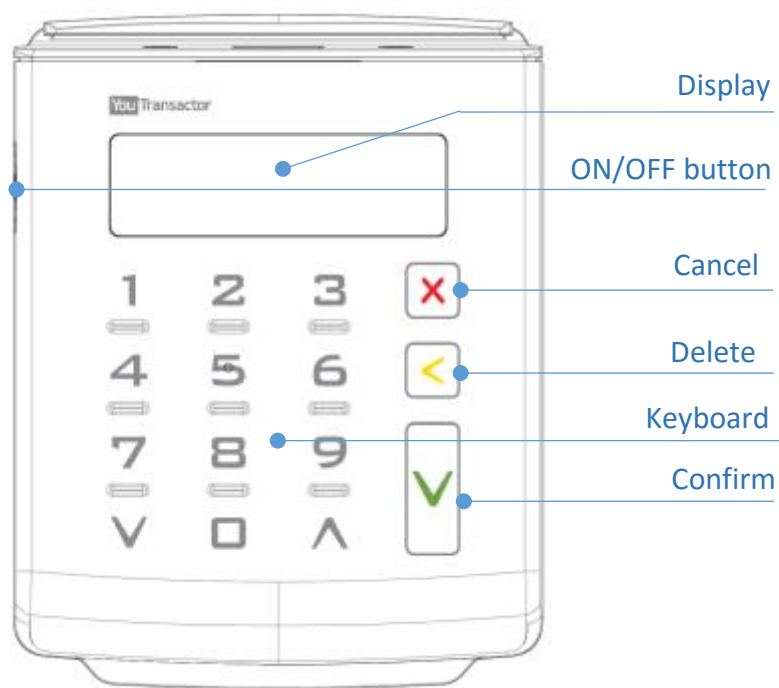


Figure 1: Front side

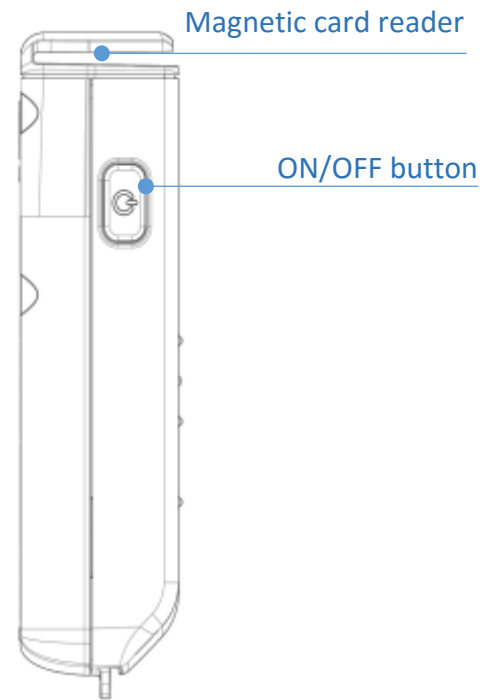


Figure 2: Left side

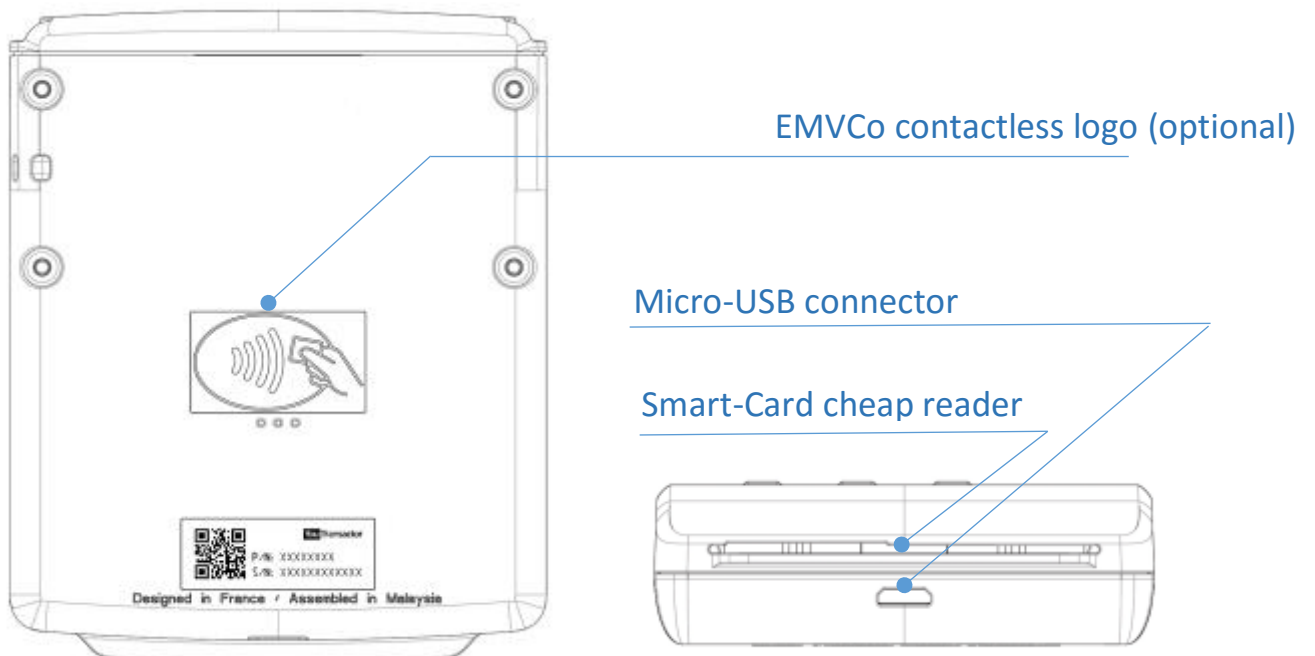
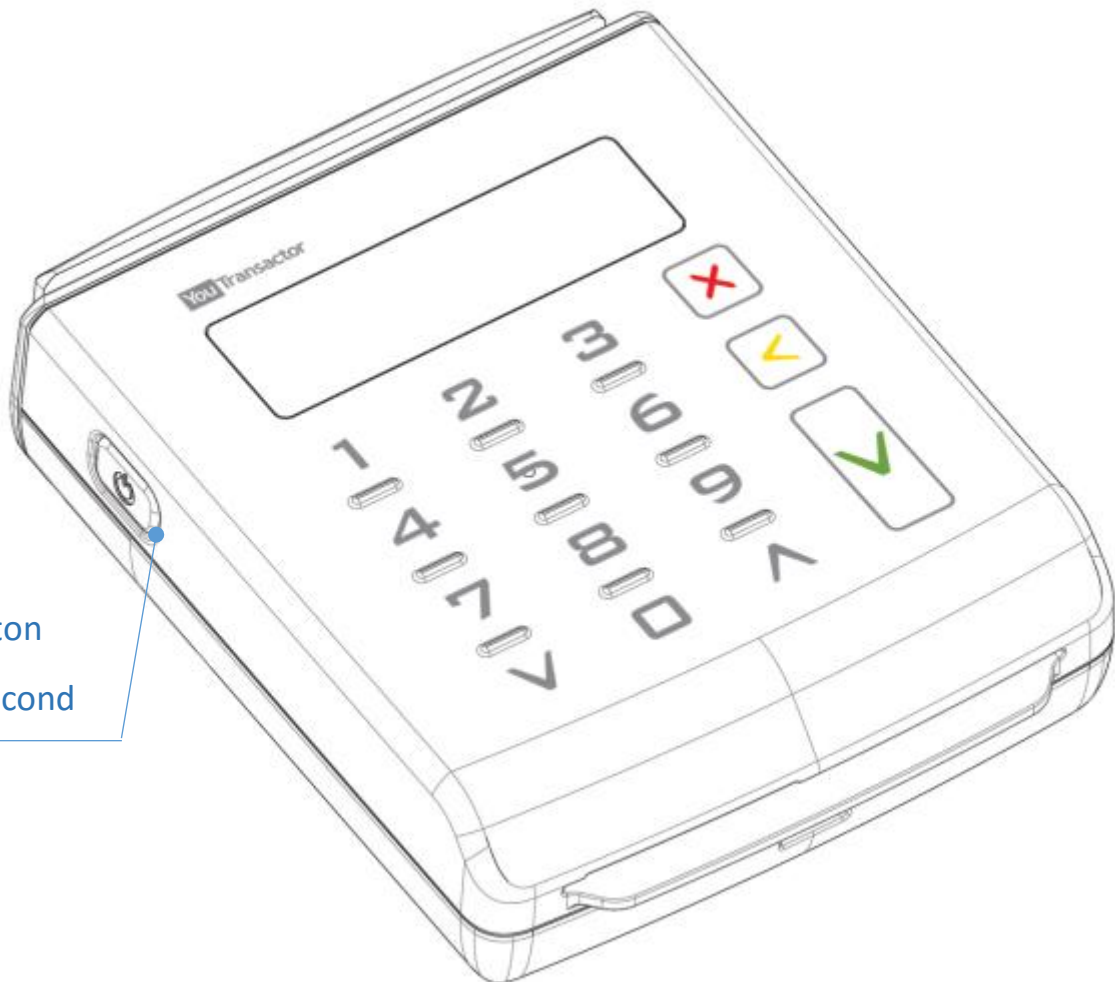


Figure 3: Rear side

## Powering On/Off the uCube

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To power on the uCube, please hold the Power-Button on the left side for at least 1 second.



ON/OFF button  
Hold for 1 second



Displayed after the boot is performed (No Bluetooth connection yet done)

To shut down the device again, press the button again.

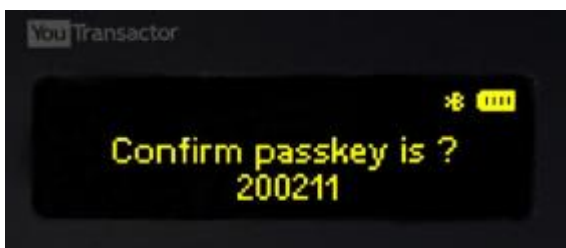
## Connecting the uCube to your Smartphone

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The uCube connects to the Smartphone via Bluetooth.

The first time, a pairing procedure is necessary in order to register the Bluetooth link between the uCube and the smartphone.

The pairing used is numeric comparison:



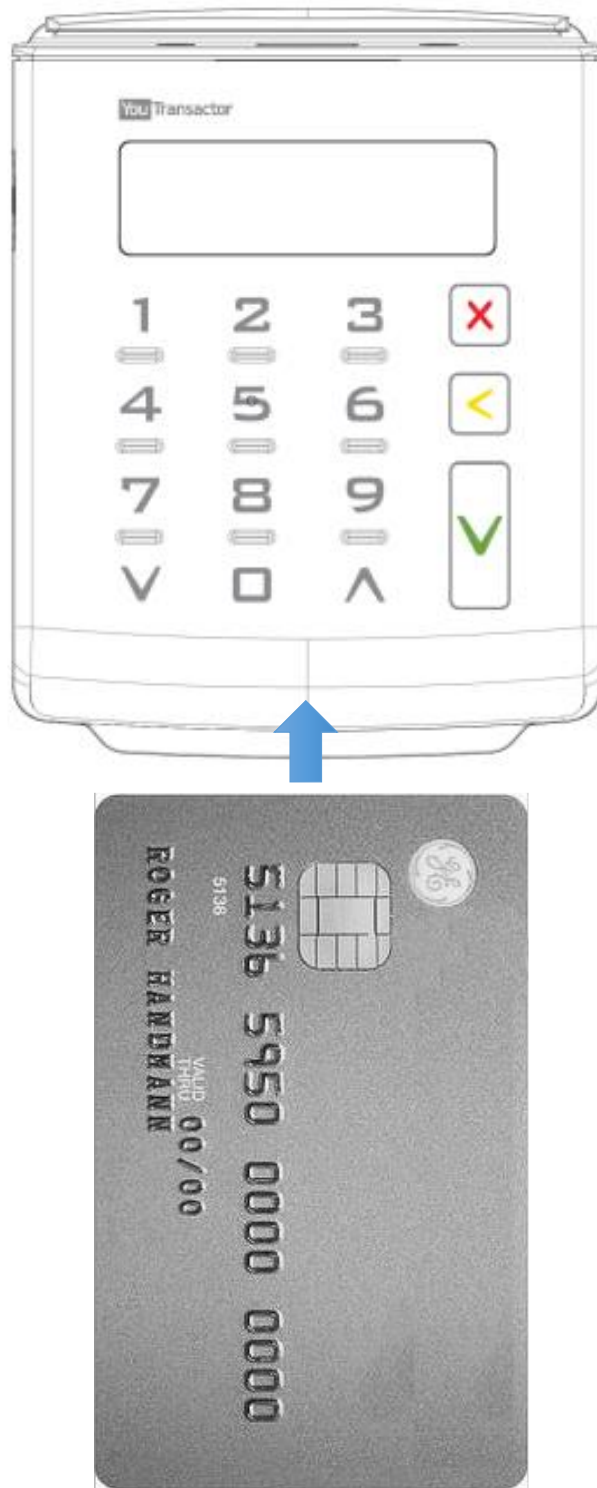
Then, when the two devices are in the same Bluetooth area, the connection is automatic. The Bluetooth icon is displayed.

Please read your smartphone user guide to handle the Bluetooth pairing procedure.

## Inserting the credit card

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The credit card is inserted by the top side of the uCube.

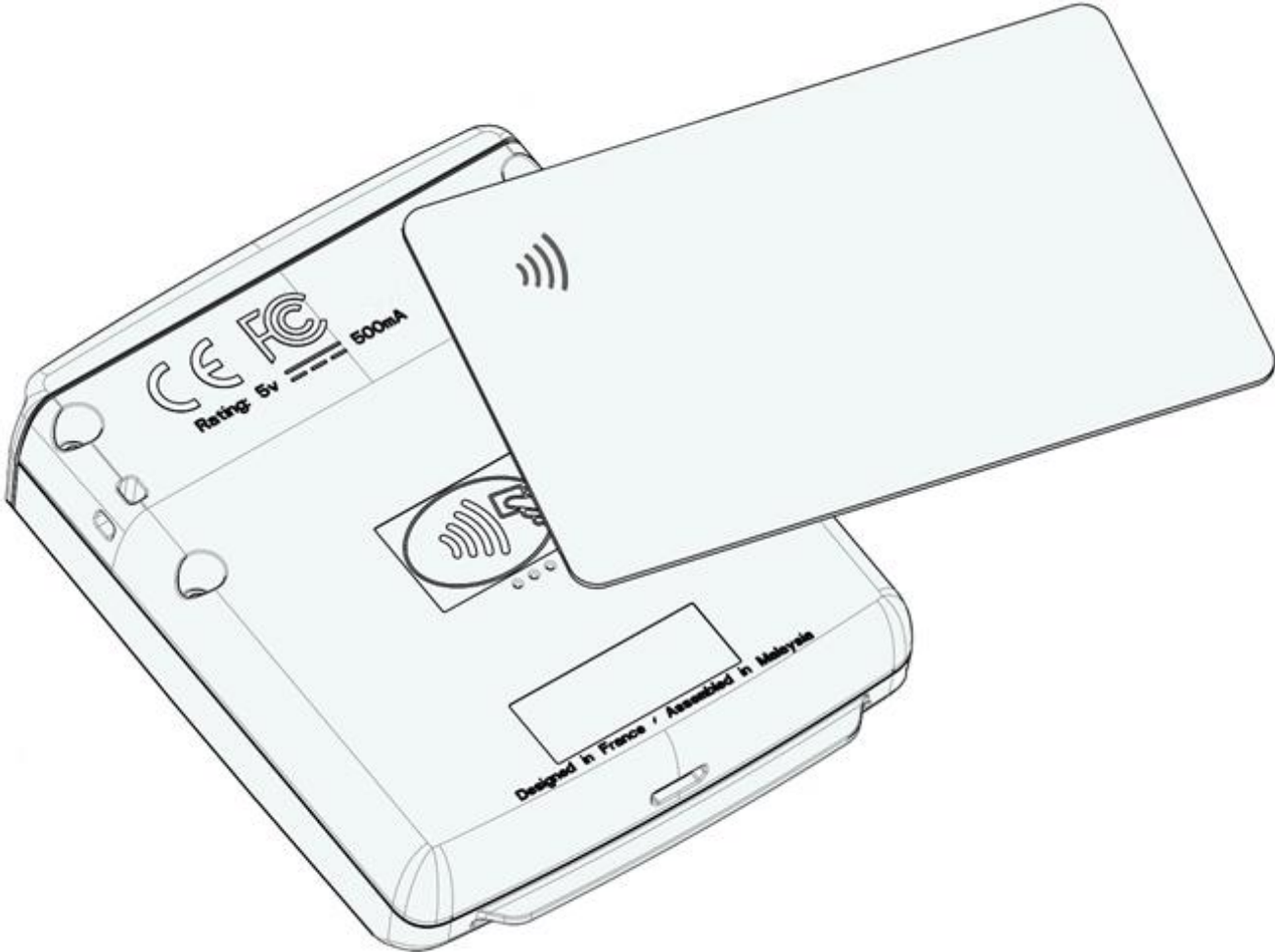






# Present the contactless credit card (optional)

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## Beacon parameters

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Beacon is a built-in function that may be used accordingly to your needs.

To download consistent Beacon parameters, please get in touch with your dedicated contact.

## Charge the battery

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Connect uCube to a power outlet with at least 500 mA output with a micro B USB cable.

You can also charge the battery by connecting uCube to your computer.

The battery icon in the upper-right corner shows the battery gauge indicating level or charging status.

## Attack detection

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If this display appears:



Please refer to the Security policy document.

## Menu

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The Menu gives the software versions and the corresponding hashes that are in your uCube.

When booting, keep pressing on the button on/off and release it when the menu appears. (Use the keys Up and Down to navigate).

“Check firmware” gives the PCI firmware version and the ST software version (L2 contact less applications)

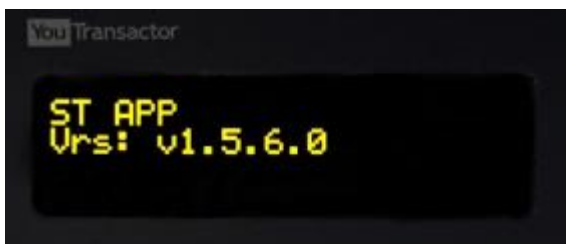


Select by the “Valid” key. The following display appears:



Select “Valid key” then the hash is displayed (screen not present)

Select “Valid key” the ST software version is displayed:



Select “Valid Key” then the hash is displayed (screen not present)

Select “Valid key” and the main menu is displayed.

All versions and hashes displayed are to be considered as example

“Others versions” are information that may be needed by the support

## Notice

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Before removing the terminal from service permanently or for repairs, all sensitive data must be erased.

Please refer to the Security policy document for information.