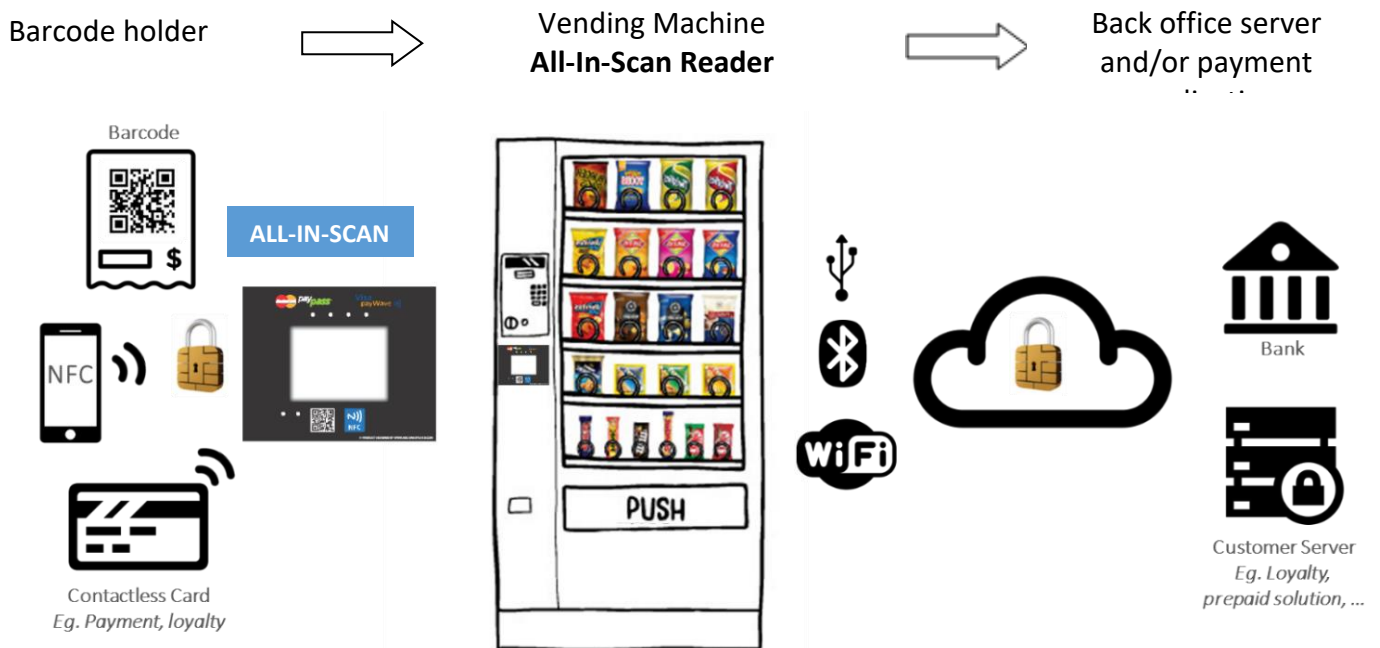


# “All-In-Scan” Reader

The **ALL-IN-SCAN** Reader includes multi-technologies: **barcoding** system (1D, 2D and QR) and **RFID/NFC** functionalities. The ALL-IN-SCAN reads all codes on paper, tickets, phone screen, contactless smart card and NFC smartphone. Its integration is easy thanks to its compact size and multiple connectors. Information exchange are made in a secure environment

## • IN SHOP SITUATION



## • TYPICAL APPLICATIONS :



E-Ticketing



Automatic pickup system



Access control



Transportation

Boarding pass control

Check in kiosk

Public transportation pass

Prepaid & One use ticket



Car rental  
Car park

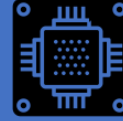


Payment

## TECHNICAL SPECIFICATIONS

### ABC CORE TECHNOLOGY

RFID/NFC interface  
 ISO14443-A/B, Mifare, DESFire, Felica  
 ISO18092 NFC Forum  
 EMVco CL1



- **IMAGER**

CMOS Sensor with global shutter  
 844 X 640 pixels, 60 images par seconde  
 Colour images available on demand



- **Bar-Code Scanner**

1D, 2D, OCR, OCR-A, OCR-B E13B, MRZ



- **Interface HOST *standard* :**

USB full speed, RS232, RS485, MDB v4.2 NAMA



- **Interface HOST *on demand* :**

Ethernet TCP/IP, serial TTL level.  
 Output 2 relays, 2 inputs  
 Bluetooth / Wi-Fi, MDB

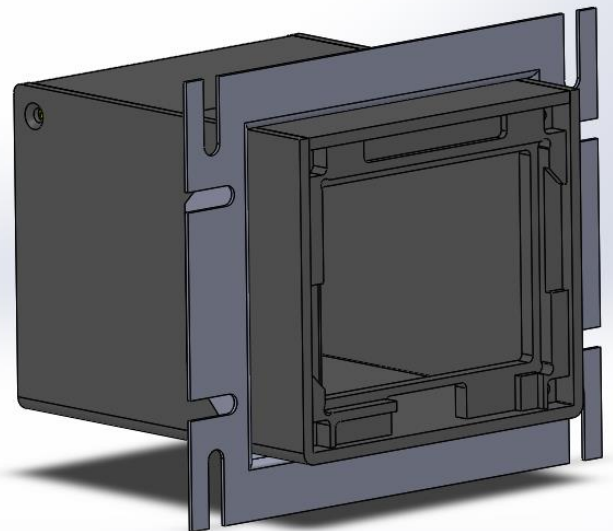


- **Power**

5 V DC, 100mA (by USB or external power supply)

- **Dimensions :**

100 m (l) x 90 mm (L) x 80 mm (H)



ABC SMARTCARD develops firmware for contact and contactless smart card readers, as well as connected mobile objects designed to be industrialized by our customers in several types of applications: POS and payment terminals, access control, health, etc. Our core business is our expertise on products and services security, we develop for your needs, so you can acquire national/international certifications required for your project success.