

## General characteristics

**VéLite** is the new validator on Linux for public transport. It can work as a stand-alone equipment or as a peripheral device of a central system. Although it is designed specifically for passenger transport, it can also be used in other projects such as presence control, RFID consultation and payment with NFC, QR and facial recognition.

It simultaneously supports **NFC** ISO 14443 A/B/B' devices with 2 sockets for **SAM** and **QR scanner**. It can also incorporate an **EMVco** reader with 2 additional sockets for SAM and a **camera** for facial recognition of the user.

For the visually impaired it supports **Ciberpas** and Pasblue.

Its large **7" touch screen**, a **4 led** 'traffic light' and a speaker with the possibility of **voice synthesis** complete the user interface.

The usual communication is via **ethernet** or **WiFi** with the onboard router. However, it can accept inside a **4G modem** and a **GPS** receiver.

In addition to 4 serial ports and 4 digital inputs, it has a **relay** to operate **turnstiles**.



1D/2D code scanner



Facial recognition



Contactless card reader



Touch screen



Safety lock



WiFi and Bluetooth



## Technical features

- Housing in ABS Hi-Tech and stainless steel with safety lock.
- Anchorage for tubes of 30 to 35mm diameter.
- Dimensions: 295 x 145 x 90mm. Approximate weight: 1.1 kg.
- Extended voltage ranges from 9-36 Vin.
- Operating temperature: from -10°C to 55°C.
- ARM microcontroller with Linux operating system.
- 1 Gbyte of SDRAM memory.
- MicroSD card up to 64Gb.

## Communications

- 1 integrated relay output (2A.) to operate a turnstile
- 4 isolated digital inputs
- 2 RS-232 communication ports
- 2 RS-485 communication ports
- 4 USB 2.0 ports
- 1 Gigabit Ethernet port
- WIFI 2.4GHz and 5GHz IEEE 802.11.b/g/n/ac Wireless LAN
- Bluetooth 4.2, BLE
- Ciberpas receiver module for visually impaired people