



Latest generation TISC (Smart Contactless Card) validator with **facial recognition** for personalized cards.

You can work stand alone or as a central system device.

Its design is specifically deigned for passenger transport, but can also be used in many projects susch as presence control, RFID consultation, NFC payment, etc.

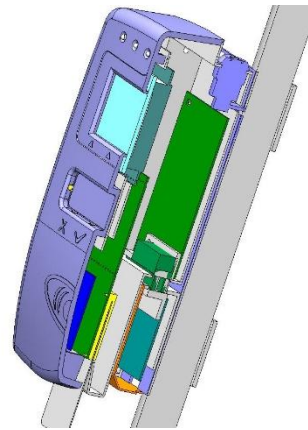
### Interfaz with a user

- 320x240 dot color graphic display.
- High definition video camera with flash.
- High brightness tricolor LED indicator light.
- Acoustic device and optional speaker with TTS.

### Smartcard reader

Contactless card valid in its many variants thanks to its powerful processor. *Accepted by the Metro Compliance Center of Madrid to be installed in the operators of CRTM.*

- ISO 14443, A, B and NFC cards.
- Enables the DESFIRE® validation platform.
- The typical 200ms transaction time.
- It can accommodate up to 4 SAM modules.



### Main features

- Housing: ABS Hi- Tech and stainless steel.
- Dimensions without support 220 x 127 x 6 mm.
- Applicative weight: 1.5 kg.
- Extender voltaje range 9 to 36 Vdc.
- Operating temperatura: -10°C to 55°C.
- Electronic standard multi-cuck EMC.
- ARM Cortex-A7 microcontroller.
- Linux operating system.
- 1Gb RAM.
- 128 Mb nand flash memmory.
- Micro SD card.

### Communications

To connect all necessary devices:

- **Integrated relay** output (2 Amp).
- **2 analogs inputs and 2 outputs.**
- 1 RS-232 port.
- **4 UBS 2.0 ports.**
- **1 Ethernet port.**

### Communication module

It can accommodate different communication modules depending on the needs of the project:

- 802.11a/ b / g WiFi module.
- 'Q' multi-band **GSM** antenna.
- **3G** or UMTS modem.

### Installation

- **Integrated stabilizer** allows you to take power directly from the vehicle.
- From a **mechanical point** of view, a steel plate can remove it by opening the safety lock.
- The housing allows **anchors tubes** 30 to 35 mm in diameter.
- From **30 to 35 mm** of diameter.