

Contactless validation system TAB 7595



TAG CANADA
FARE COLLECTION
SYSTEMS



- **Device description :**

Electrical components

The contactless validator is a powerful system that allows instant information exchange.

It is equipped with a radio communication interface providing powerful and efficient remote transfer.

The data stored in the device is automatically taken over by the system upon arrival at the control panel. These are saved on various directories of the system to free the memory of the validator.

The system displays on an interface the backups of each device allowing processing at the administrative level.

The validator is equipped with a 32-bit microprocessor offering a high communication speed between the smart card and the terminal as well as a speed of data analysis. A large capacity memory can hold information between transfers.

With its standardized non-contact identification protocol, this device allows the programming of several standard smart card models.

Ergonomic system

- With its backlit LCD screen, it displays a multitude of customizable information.
- Three programmable LEDs inform the user about the acceptance status of the smart card.
- A configurable sound signal provides support for the LED lights depending on the type of acceptance.
- The TAB 7595 validator has a flat tablet-like appearance allowing it to be installed in compact locations.
- It securely attaches to most models of vertical or horizontal ramps.
- The validator adapts easily in several types of vehicles. It is installed with a concealed clamp behind the unit allowing adjustment of the desired angle.
- The device is also equipped with a reinforced electronic protection at the level of the supply in order to ensure stability in its operation and the recording of the data.

How to load smart cards

- Smart cards can charge and recharge many times.
- The card registration is done using a loading module allowing to encrypt the type of desired product.

Printing options

- Printing the logo directly on the smart card.
- Printing of the logo on a sticker affixable on the card.

Warranties

- TAG Canada offers a two-year warranty on parts and labor for all electronic materials used according to the manufacturer's recommendations.
- The warranty does not cover fire, theft and vandalism.
- Smart cards are covered by a 90-days warranty.



MANUFACTURIER
SYSTÈME DE PERCEPTION

- **FEATURES :**

Main functions of the validator

- - Processing of smart cards in accordance with ISO / IEC 15693.
- - Validation distance: minimum 0 cm (0 "); maximum: 10 to 15 cm (4 " to 6 ") depending on the type of smart card.
- - Storage capacity of the data relating to the different fares with their validation and their date of registration.
- - Device programming configuration via physical interface on the validator.

Technical characteristics

- 32-bit Risc microprocessor
- Memory: 128 KB Flash, 128 KB SRAM
- Backlit LCD display: 2 lines of 16 alphanumeric characters
- 3 programmable LEDs: red, yellow, green
- Programmable Piezoelectric buzzer
- Power supply: from 9 Vdc to 32 Vdc
- Consumption: 0.6 A at 9V and 0.2 A at 32V

External link interfaces

- Serial link: RS232, RS485
- USB link
- 128-bit encrypted RF link

Physical characteristics

- Material: ABS color: black or gray
- Flame retardant material
- Waterproof design under IP54
- Dimensions (Length, Width, Thickness): 240mm (9.45 "), 190mm (7.48 "), 30mm (1.18 ")
- Weight: 1.18 Kg (2.6 lbs) with Clamp Bracket

Temperature

- In operation : -20 °C à +70 °C
- In storage : -30 °C à +80 °C