

VPE 430 Universal Validator

With its single point of validation, the new generation validator is compatible with all ticketing technologies



As a multifunctional device, the VPE 430 touch screen validator is able to read all types of fare media.

Its ergonomics and open design invite an identical validation gesture regardless of the form of the ticket.

As customers become more and more connected and keen on new technologies, transport networks have the opportunity to enrich their ticketing offer. As an evolutive, connected, and intuitive device, the new validator meets the travelers' changing needs.

Simple and effective

This validator offers a single point of validation which naturally invites the traveler to validate his ticket in all its forms. It enables an intuitive and effective gesture for a wide range of fare media: contactless cards, contactless tickets or barcode (option), NFC or Bluetooth phones, contactless bank cards.

Natively connected

The VPE 430 is designed to integrate into a connected world and an "online" architecture (back-office centric) as well as into a traditional ticketing system (card centric).

Accessible

This validator is resolutely accessible to a wide audience thanks to its readable and colorful display as well as distinctive sounds depending on the validation result.

Robust, reliable and maintainable

The validator meets the level of robustness and reliability required for a mass transit environment. In particular, it offers a highly resistant 5 mm thick glass to protect the screen.

It can be easily exchanged in the field, in a few seconds, without tools and with a simple action.



Technology

Dimensions

- 267 x 177 x 118 (mm)

Touch screen

- 5" color TFT screen landscape mode
- Definition: 800 x 480 pixels
- Projective capacitive touch screen
- Extra-wide viewing angle
- Presence detector and brightness sensor

Sound

- Loudspeaker with sound intensity of 72 dB at 1 m
- Text to speech software (option)

Interfaces / connectivity

- 1 10/100 base-TX Ethernet interface
- 1 RS232
- 1 RS485 ou SAEJ1708
- 1 USB master interface
- 2 optocoupler inputs
- 2 dry contact outputs
- Bluetooth Low Energy (option)
- WIFI (option)
- 3G/4G (option)
- GPS (option)

Electronic

- ARM core processor
- Memory: SDRAM 1 GB / flash memory 512 MB
- Micro SD flash memory extension from 1 to 32 GB (option)
- E²PROM identification module 32 KB
- Operating system: Windows® Embedded

Environment

- Operating temperature: - 25 °C to + 55 °C / -13 °F to + 131 °F
- Storage temperature: - 30 °C à + 70 °C / -22 °F to + 158 °F
- Operating humidity: 95% non condensing at T = + 35 °C / + 95 °F
- Storage humidity: 93% non condensing at T = + 40 °C / + 104 °F
- Protection ratings: IP54, IKo8

Power

- From 9 to 32 V DC

Contactless interface

- EMV L1 + L2 / PCI-PTS 4.x
- Bank card networks: VISA, MasterCard, AMEX, Discover
- ISO/IEC 14443 (A, B, B')
- 4 SAM supports

Barcode interface (option)

- 1D code / 2D code

Certifications

- Electromagnetic Compatibility (EMC): 2014/30/UE
- Radio Equipment Directive (RED): 2014/53/UE
- Low Voltage Directive (LVD): 2014/35/UE
- Automotive EMC Directive: 2004/104/CE

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