CAB 430 Universal Platform Validator

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

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 platform validator meets the traveler's changing needs.

Simple and effective
The new platform validator offers a single point of validation which naturally invites the traveler to validate their ticket in all its forms. It enables intuitive and effective use for a wide range of fare media: contactless cards, contactless tickets or barcode (optional), NFC or Bluetooth phones, contactless bank cards.

Natively connected
The CAB 430 can easily integrate into a connected world and an "online" architecture (back-office centric) as well as a traditional ticketing system (card centric).

Consistent with the VPE 430 universal validator
The CAB 430 and the VPE 430 validator form a homogenous range of validation equipment. These products offer the same touch screen and media reading technology to enhance consistency for the traveler.

Accessible
This equipment is resolutely accessible to a wide audience thanks to its readable and colorful display as well as distinctive sounds according to the validation action.

As a multifunctional device, the CAB 430 platform validator is able to read all types of contactless media.

Its ergonomics and design provide intuitive use regardless of the form of the ticket.

Technology

Dimensions (without the 3G antenna)
- 250 x 250 x 1355 (mm)
- 250 x 250 x 1205 (mm) for the P+R platform

Touch Screen
- 5" color TFT screen landscape mode
- Définition : 800 x 480 pixels
- Projective capacitive touch screen
- Presence detector and brightness sensor

Sound
- Loudspeaker with sound intensity of 70 dB at 1m
- Text to speech software (option)

Interfaces / Connectivity
- 1 10/100 base-T Ethernet interface
- 1 RS232
- 1 RS485 ou SAEJ1708
- 1 USB 2.0 master interface
- 1 optocoupler input
- 2 dry contact outputs
- Bluetooth Low Energy (option)
- 3G (option)

Electronic
- ARM core processor
- Memory: SDRAM 1 GB / SLC 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 to +60°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 index : IP54, IK10

Power
- 115 AC / 230V AC - 50/60 Hz

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

Barcode Interface (en option)
- 1D Code / 2D Code

Certifications
- Railway applications: EN50121-4
- Electromagnetic Compatibility (EMC): 2014/30/UE
- Radio Equipment Directive (RED): 2014/53/UE
- Low Voltage Directive (LVD): 2014/35/UE

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