

Proxibus® PCE 415 Console

Smart Ticketing



Compact and extremely ergonomic, it is remarkably easy to use for both drivers and passengers. Compliant with the latest major technological standards, it is designed to last and integrates seamlessly into the most advanced contactless ticketing systems.

- Multipurpose
- Large storage capacity
- Compact and ergonomic
- Designed to last

The Proxibus® PCE 415 console performs all the functions of advanced contactless ticketing on-board a bus: sales, reloading, supervision, and even localisation. No other technology in its category is as multipurpose.

Multipurpose

The Proxibus® PCE 415 is a high performance console for vending and recharging tickets on-board buses. Its ultra-fast printer issues pre-cut paper tickets or receipts for both drivers and passengers. Its lateral interface is capable of validating and recharging contactless tickets and is equipped with a text display and coloured indicator lights.

The Proxibus® PCE 415 console supervises all on-board equipment, including validators. It can also be connected to a GPS module to automate the geolocation of the ticketing operations or supply data to vehicle monitoring and passenger information systems.

Large storage capacity

A real on-board computer, the Proxibus® PCE 415 console stores all the data collected on a bus: daily sales and validation log, passenger traffic, etc.

Compact and ergonomic

The Proxibus® PCE 415 console is remarkably ergonomic for such a small device. The driver has a wide colour touch screen, at an angle designed for optimum readability. The console can also produce audio messages.

Designed to last

The software and hardware architecture of the Proxibus® PCE 415 console guarantee adaptability to future functional or technological needs. Conduent Transportation manages each stage of its design and manufacture, which comply with leading technological standards to guarantee a long product life.



Technology

Physical Characteristics

- Dimensions: 175 x 185 x 305 mm
- Footprint: 230 x 180 mm
- Weight: less than 3 kg

Screen

- Touch technology
- 171 x 128 mm, 480 x 640 pixels (VGA)
- Colour TFT screen, 8.4 inches in portrait mode
- Brightness: 800 cd/m² – Contrast : 800:1

Printer

- Print width: 72 mm
- Paper width: 76 mm
- Printing speed: up to 200 mm/s
- Paper thickness: from 60 to 150 µm
- Automatic paper cutting
- Head drive control thermal printer
- Easy paper loading

Contactless Ticketing Interface

- Reading of ISO/IEC 14443 A/B cards
- 4 SAM supports

User Display (optional)

- 36 x 18 mm, 128 x 64 pixels
- OLED technology display: yellow on black
- Two LED indicator lights—red and green

Audio Module

- Loudspeaker, intensity 70 dB at 1m (1,000 Hz)
- WAV, messages 30 sec. max.

Interfaces

- 4 ports that can be configured for RS232/RS422/RS485 including one that can be configured for SAEJ1708
- 1 Ethernet 10/100 base TX
- Up to 4 USB 2.0
- Options: WiFi 802.11, 3G
- 3 “on-off” inputs and 1 “on-off” output

Localisation (optional)

- GPS receiver
- Antenna connected by coaxial cable under the machine

Electronics

- ARM core processor
- 1 GB SDRAM memory
- 512 MB Flash memory
- Up to 2 GB SD card memory
- Windows® CE operating system

Environment

- Operating temperature: -25 °C à +55 °C
- Storage temperature: -30 °C à +70 °C
- Hygrometry: 95% RH without condensation at 35 °C

Power Supply

- 9 to 16 V DC, 18 to 32 V DC or 27 to 48 V DC

Contact Us

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