Proxibus® PCE 415 Console

Smart Ticketing

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 1 m (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 to +55 °C
- Storage temperature: -30 °C to +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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