

Proxibus[®] MDS 415

Ticket vending and recharging terminal for retail outlets

This vending and recharging terminal performs all the functions of advanced contactless ticketing in points of sale. No other technology in this category is as multipurpose.

Offering maximum intelligence in minimum space, it is equipped with an easy-to-use text display and coloured lights for passenger information.

The Proxibus[®] MDS 415 is connected to a central system for reading and recharging tickets.

Its ultra-fast printer issues paper tickets or pre-cut receipts accessible to the retailer and the transit user.



- Ergonomic, compact design
- Power and flexibility
- Storage capacity
- Long working life

MDS 415

Strong points

Ergonomic, compact design

The Proxibus® MDS 415 terminal offers remarkable ergonomics and saves space. The retailer has a wide colour touch screen, at an angle designed for optimum readability.

Power and flexibility

The Proxibus® MDS 415 terminal is a true contactless ticketing computer. It offers transport operators the flexibility and power they need to develop high performance and user-friendly applications.

It can also issue audio messages in MP3 format and is equipped with a USB port for connection to other equipment.

Storage capacity

The Proxibus® MDS 415 terminal stores all the data required for ticket vending and recharge functions: daily operations log, blacklist, pricing data, etc.

Long working life

Based on leading technological standards, the software and hardware architecture of the Proxibus® MDS 415 terminal means guaranteed adaptability to future functional or technological needs.

ACS manages each stage of its design and manufacture, thus guaranteeing a long working 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" in portrait mode

Brightness: 450 cd/m² - Contrast: 500:1

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 lights - red and green

Audio module

Loudspeaker, intensity 70 dB at 1 m (1,000 Hz)

MP3 files, messages 30 sec. max

Interfaces

4 ports configurable for RS232/RS422/RS485

1 Ethernet 10/100 base TX

1 USB 2.0

Options: RTC, Wi-Fi 802.11b/g, GPRS

3 "on-off" inputs and 2 "on-off" outputs

Electronics

ARM processor core

128 MB SDRAM memory

64 MB Flash memory

Up to 2 GB SD card memory

Operating system Windows® CE

Environment

Operating temperature: -25 °C to +55 °C

Storage temperature: -30 °C to +70 °C

Hygrometry: 95 % RH without condensation at 35 °C

Electricity supply

External mains plug adapted to each country

