MT 300C

On-Board Ticket Vending Machine

FOCUS
Automated Payment Solutions

A Full Range of Functions in a Compact Ticket Vending Machine

The MT 300C mobile ticket vending machine has been created to deliver an integrated passenger solution for use on buses, trams, trains and metro operations.

It can be used as a standalone unit or interfaced with an on-board terminal, turnstile or computer.
Throughout the design process, maximum speed during each transaction was taken as a vital consideration. As such, the device can be configured to accept all credit cards, coins and contactless smartcards,
totally seamlessly. There is also an option to have a credit card-only machine or a coin-operated machine if you prefer. The device is configured so as not to give change, but will accept overpayment thus increasing revenue for the operator. Passengers, however, can cancel a transaction, in which case coins will be returned.

Benefits include:

- Suited for all forms of mass transit

- Compact size

- Accepts all credit cards and coins

- Configured not to give change (speeding up traffic turnover)

- Accepts overpayment thus increasing revenue for the operator

- Ergonomic, attractive structure

- Four-level protection of cashbox through locks and electro mechanic blocking

- Rugged, vandal-proof design

- Service-friendly

- Lower maintenance costs due to the modular concept

- Data interfaces for GPRS, UMTS, and WLAN

- Easily connects with all fare collection systems

- Easily integrates with all ticketing platforms, contactless and magnetic cards, NFC, and mobile applications

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Features

Suitable for all environments

- Developed for the high requirements of on-board installation in all mass transportation vehicles
- High reliability
- Operates over a very wide temperature and humidity range
- Built-in cooling fan

Ergonomic design

- Compact design
- Front door panel for easy access
- The various functions have been grouped together to reduce user actions and movements to a minimum
- Handicapped accessible
- Large display space for information labels
- Optional: Navigation push button

Operation

- LED illumination on front panel
- 6.5 inch high-resolution TFT color display with touchscreen
- Latest touch technology
- Intercom system with adjustable volume and microphone
- Backup batteries in case of an interruption to the power supply

Security

- Coins are stored in secure cashboxes
- Cashboxes can be removed from the machine only by means of a separate key
- Self-locking coin cashboxes made from high-grade stainless steel
- 10 mm (0.4 inch) thick window protecting the touchscreen
- Anti-vandalism metal cases
- Extremely resistant outer case (embedded doors, safety hinges, safety locks)
- Uninterruptible power supply (UPS) backup unit

Modular structure

- Accepts all types of coins, credit/debit cards, smart cards, and contactless cards
- Function for passengers to cancel a transaction and have their coins returned
- Dispenses all types of tickets, according to the client's requirements
- Recharging of contactless cards
- Can be equipped with a GSM/GPRS module for data transfer
- Optional: Barcode reader as customer interface

Easy maintenance

- An intuitive internal build, with simple to reach parts, ensures quick and easy access by maintenance workers
- A light indicates the status of the equipment ("in" or "out" of service)
- Testing application to ensure parts are working

Application

- Operates on a Windows type platform
- Programmable Logic Controller
- Supplies' middleware consists of a set of ActiveX components and the corresponding APIs

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Technical Specifications

Environment

Power supply: 24VDC

Operating temperature: From -20° C to +50° C (4° F to 122° F)

Storage temperature: From -20° C to +75° C (4° F to 167° F)

Cabinet Dimensions

W x H x D: 350 x 600 x 250 mm (13.79 x 23.64 x 9.85 inches)

Weight: 45 kg (99.2 lbs)

Enclosure: 2 mm (.08 inches) thick steel

Lock: Security lock

Door: Burglar and vandalism-proof safe door with a three point lock

Finishing: Painting according to RAL color tone

PC Module

PC: Intel, industrial PC board

RAM: Up to 2 GB

Hard drive: SSD 60 GB minimum

Connectivity: LAN