

DAS 400

A Full Range of Functions in a Compact Ticket Vending Machine

In reserved-lane surface transport networks, fare collection equipment must occupy minimal space, while offering ever more advanced ergonomics and functions.

With the DAS 400 ACS is launching the first multi-function ticket vending machine compact enough to fit easily on tramway platforms, in metro stations and reserved-lane bus stops.

The DAS 400 vending machine distributes magnetic tickets and contactless cards, which it also recharges.

Its multifunction payment interface – coins, banknotes and bank cards – gives you total freedom to implement your desired sales policy across your network.



- **Communicating**
- **Ergonomic**
- **Modular**
- **Upgradeable**
- **Robust**
- **Autonomous**
- **Easy to maintain**

DAS 400

Strong points

Communicating

Its 15-inch touch screen makes the DAS 400 easy for all passengers to use, and it can be customised with the network image.

Ergonomic

With its optimised dimensions, the DAS 400 has a reduced footprint for perfect integration on tramway platforms, in metro stations and reserved-lane bus stops.

The ticket vending machine complies with standards governing accessibility for the disabled. It can offer vocal assistance and a touch-screen guidance system for the partially-sighted. Its 15-inch colour touch screen in portrait format, a hallmark of the latest ACS equipment, takes it to new heights of ergonomics and user-friendliness.

Modular

The DAS 400 can deliver all types of ticket and accept all types of payment. This flexibility also extends to the DAS 400's sub-assemblies. The printer/encoder can take two to four rolls of magnetic or contactless tickets. When equipped with an escrow, the coin handling system returns the coins inserted if the transaction is cancelled. It can also recycle up to six types of coin, and be fitted with three additional reserves to operate with a higher level of autonomy. The DAS 400 adapts to suit specific requirements in terms of passenger numbers, user types, etc. There are scores of possible combinations.

Upgradeable

The DAS 400 is designed to simplify future functional modifications. The coin handling system can take up to three additional reserves.

Robust

The DAS 400 is designed to be installed outdoors and consists of ACS sub-assemblies of proven robustness. The screen is protected by a 10 mm thick window, and the coin handling system is fitted with a vandal-proof flap. A secure frame protects the cash box. Operation is guaranteed between -20 °C and +50 °C.

Autonomous

The DAS 400 gives operators a high degree of autonomy. The built-in printer can take up to four rolls of tickets, chosen by the operator depending on whether magnetic or contactless technology is required.

Easy to maintain

The sub-assemblies are arranged to ensure easy access for operators to carry out maintenance. A lamp enables the status of the equipment (in or out of service) to be monitored remotely.

Technology

Multi-technology BCS 400 printer/encoder

- Recharging of contactless cards
 - External aerial on front panel
 - ISO/IEC 14443 integrated coupler
- Printing of magnetic and/or single-use contactless tickets
 - 2 or 4 rolls of tickets
 - Capacity per roll: 1,850 magnetic tickets or 1,200 contactless tickets
 - Internal aerial for encoding contactless tickets

Modular payment interface

- MOS 020 coin handling system
 - Recycling: from 1 to 6 coin types
 - 1 to 3 additional reserves
 - Up to 16 types of coin accepted
 - Vandal-proof flap
 - Secure steel cash box (cash bag optional)
- Card payment module
 - Secure pin-pad keypad
 - EMV, dedicated bank server
- Banknote acceptor
 - For payments requiring a single banknote, an escrow function enables the note to be returned if the transaction is cancelled
 - Banknote box: capacity 600 notes

Technical characteristics

Height: 165 cm, width: 65 cm, depth: 52 cm
15-inch touch screen, brightness: 450 cd/m², built-in fan
CPU: industrial PC
COLIAC and ADA standards

