

DUALIS 2000 S

Your ticket vending machine that is setting new standards.



The DUALIS 2000 S

Reliability and economic efficiency pointing the way ahead

- developed for the requirements for outdoor installation at rail stations and stops
- higher protection against vandalism due to constructive and other technical measures with EN 1630 certificate, Level RC4
- TSI-PRM compatible with the needs of disabled passengers
- ECOLINE+ technology and thus reduces energy consumption compared to predecessor models
- additional 28" information display in the roof
- high reliability and availability
- service friendly and thus lower maintenance costs due to the modular concept



USER-FRIENDLY
extremely easy to operate



ECOLINE+
optimal energy efficiency



SAFETY TECH
highest vandalism security



LOW MAINTENANCE
low life cycle costs

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For operators, ticket vending machines are more than just technical devices. As the first point of sale for passengers, the ticket vending machines represent the transport company and therefore have to be extremely reliable, fast, light understandable, and thus comfortable to operate. For the operator, the TVMs are even more: they are technical systems designed to guarantee low maintenance costs low while generating high sales. On the other hand, today operators expect to make a future-proof investment with an eye to new technologies. With the DUALIS 2000 S, the new generation of ticket vending machines, ICA Traffic meets these requirements.

Overview of advantages

- payment with coins or banknotes, and cashless and contactless payment
- issuing of VDV-KA smart cards
- modular design to comply with customers' specific wishes
- increased vandalism protection concerning additional constructive reinforcements
- certified according to regulation EN 1630 with Level RC4
- ECOLINE+ technology: less energy consumption
- handicapped accessible and certified according to TSI-PRM
- smart card dispenser for electronic tickets (e. g. VDV-KA) (option)
- barcode reader as customer interface (option)

Technical Data

housing / door	stainless steel 2 mm / 3 mm
hook locking mechanism	8-point
width	900 mm
hight housing (with top + wheelchair-accessible or standard socket)	1,350 (2,000) mm
depth	450 mm
weight	300 kg
control elements	min. 700 mm - max. 1,200 mm (TSI-PRM certified)
user interface	<ul style="list-style-type: none"> ▪ infrared Touch with 15 TFT-Display (with multitouch) ▪ 1D and 2D barcodescanner
coin processing	<ul style="list-style-type: none"> ▪ electronic coin validator ▪ use of max. 6 change magazines (each for 50 coins) ▪ 3 additional change magazines 1,200 coins each ▪ self-locking cash-box
banknote acceptor	acceptance of banknotes with escrow
optional: banknote recycler	return of banknotes as change
cashless payment	<ul style="list-style-type: none"> ▪ new terminal generation PCI-PTS 3.1 TA 7.1 with anti-skimming function ▪ girogo, PayPass, payWave, debit- and credit cards with PIN pad ▪ RFID reader supports NFC standard EN 18902
thermal printer	high-speed printer up to 4 paper rolls
eTicketing	electronic tickets (e. g. VDV-KA)
additional functions / innovations	<ul style="list-style-type: none"> ▪ card dispenser (issue of e. g. VDV-KA smart cards) ▪ 1D and 2D barcodescanner ▪ camera (e. g. for video control) ▪ combined card reader for contactless payment and eTickets as per VDV-KA ▪ roof with 28" information display for dynamic passenger information (DFI) ▪ ECOLINE+ technology (optional energy consumption)
power supply	230 V AC stationary, UPS operation
controller	embedded industrial computer
data interface	LTE, WLAN, LAN

