

# DUALIS 3000 MTA

Mobile ticketing in regional rail transport



The DUALIS 3000 MTA offers mobile ticketing in regional rail traffic with the full range of functions of a stationary ticket vending machine.

- this TVM was developed for the high requirements of on board installation in railed vehicles of regional rail traffic
- service friendly and thus lower maintenance costs due to the modular concept
- equipped with a banknote recycler, i. e. the machine not only accepts banknotes, but also gives banknotes as change
- high reliability and availability



**USER-FRIENDLY**  
extremely easy to operate



**ECOLINE**  
less energy costs



**LOW MAINTENANCE**  
low life cycle costs



**ON-BOARD**  
buses + trams

## DUALIS 3000 MTA

Mobile ticketing in regional rail traffic has special requirements. The DUALIS 3000 MTA was especially developed for on board use in regional trains. The compact construction is a benefit due to the limited space in trains. Nevertheless, the machine offers the full range of functions of a stationary device. Thus, passengers can buy a ticket quickly and easy on the move. Thus, the DUALIS 3000 MTA contributes to passengers' satisfaction. 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 3000 MTA, ICA Traffic meets all of these requirements.

### Overview of advantages

- payment with coins or banknotes, and cashless and contactless payment is also possible
- optional: banknote recycler for banknotes back as change
- optional: barcode reader as customer interface
- prepared for electronic ticketing (VDV-KA and international standards)
- data interfaces for LTE and WLAN
- IBIS interface – links the machines with the on-board computer
- up to 2 additional coin change magazines
- modular design to meet customers' specific wishes
- large, bright 15" TFT Touch Display

### Technical Data

housing	stainless steel
hook locking mechanism	5-point
<b>with banknote processing</b>	
width	610 mm
height	1,250 mm
depth	420 mm
<b>with banknote recycler</b>	
width	630 mm
height	1250 mm
depth	440 mm
weight	174 kg
user interface	<ul style="list-style-type: none"> <li>▪ infrared touch with 15" TFT-display</li> <li>▪ 1D and 2D barcodescanner</li> </ul>
coin processing	<ul style="list-style-type: none"> <li>▪ electronic passage through coin checker</li> <li>▪ use of max 6 change magazines (each for 50 Coins)</li> <li>▪ self-closing 5,7 liters final cash drawer</li> <li>▪ 2 additional change magazines 500 coins each</li> </ul>
banknote processing	acceptance of banknotes with intermediate cash drawer
optional: banknote recycler*	return of banknotes as change
cashless payment	<ul style="list-style-type: none"> <li>▪ new terminal generation PCI-PTS 3.1 with anti-skimming function</li> <li>▪ girogo, PayPass, payWave, debit- and credit cards with PIN pad</li> <li>▪ RFID reader supports NFC standard EN 18902</li> </ul>
thermal printer	high-speed printer with 2 paper rolls
eTicketing	electronic ticket (e. g. as per VDV-KA)
power supply	24 VDC mobile, UPS operation
controller	embedded industrial computer
transmission technology	LTE, WLAN
fire protection	certified according to regulation EN 1630

\* only possible with housing width 630 mm / housing depth 440 mm

