

## PRODUCT INFORMATION



### TECHNICAL DATA\*

- Individual, customised configuration thanks to a modular platform strategy
- Optional TSI-compliant (all operating elements at a height ranging from 700 to 1,200 mm)

#### Casing/security

- 2 mm stainless-steel casing with a 3 mm stainless-steel door
- Front plate optionally made of aluminium or a foil-coated stainless-steel front plate
- Speedy and cost-effective replacement of design/CI by exchanging foils
- Operating bay either made of stainless steel or aluminium
- Electronic lock cover
- Lighting top (optionally in design version)
- Optionally with standard or handicapped accessible pedestal
- Optionally featuring additional security packages

#### User Interface

- 15" very bright display
- Flush-mounted and vandalism-protected touchscreen facilitates easy cleansing and reduces maintenance effort and expense
- Interoperability functions like braille writing, acoustic aids or menu navigation by means of fluorescent arrows

#### Printing system

- Graphics-capable thermal printing system with up to 2 redundant printing systems for up to 8 paper rolls
- Alternatively ready for processing fan-folded paper or RFID paper tickets
- Output of coded RFID tickets

#### Cash handling system

- Coin handling system with recycling feature
- Bank note handling, optionally with recycling feature
- Escrow for banknotes to prevent money laundering

#### Cashless payments

- Credit card, Girocard, EC card
- contactless Payment: GiroGo, PayPass, payWave
- TA 7.1-compliant
- PCI PTS 3.x-compliant

#### e-Ticketing

- Issuance and validation of electronic tickets and smartcards in accordance with ISO14443 and ISO 7816
- Card standards, e.g. in accordance with VDV-KA (DE), ITSO (UK), MIFARE
- Optionally contactless or plug-in reader
- Card dispensers for issuing smartcards, optionally encoding of RFID-cards
- Scanning of 1D and 2D barcodes
- NFC (also for smartphones)

#### PC and data security

- Industry-standard PC with Microsoft Windows operating system
- Increased data security thanks to redundant data storage or RAID technology

#### Communication

- Ethernet and optionally mobile telephony and/or WLAN
- Optionally with internal routers

#### Power supply

- Integrated UPS

#### Dimensions and weight

- 900 x 1350 x 450 mm (W x H x D)
- Total height with handicapped accessible pedestal and lighting top: 1,900 mm (350 + 1,350 + 200 mm)
- approx. 300 kg total weight

#### Environmental conditions

- Storage temperature: -20°C to +70°C
- Operating temperature: -30°C to +50°C
- Operating and storage humidity: 20% - 95% (no condensation)

\* List of features includes optional items

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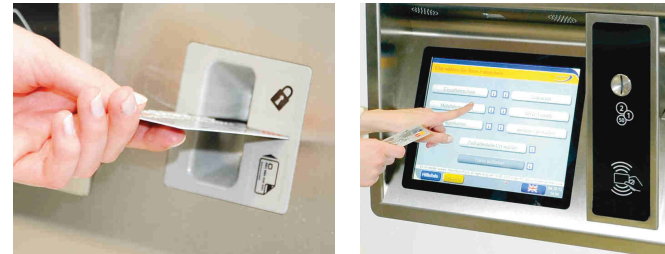
## Optimized Operating Costs, Future-Proof Design And Intuitive Handling

The new metric.station from METRIC is the terminal of choice for user-friendly sale of standard and e-Tickets at railway stations, bus stops and customer centres.



# Intuitive Sale Of Travel And e-Tickets At Railway Stations, Bus Stops And Customer Centres

The new metric.station is particularly convenient to use by passengers: all elements are arranged according to the TSI standard. As a result, the metric.station meets a key criterion for barrier-free access to public transport.



### OPTIMISED OPERATING COSTS

The new metric.station extends the service intervals by deploying redundant sub-systems and minimising cash desk servicing times thanks to a high-availability coin handling system. In addition, in the course of development the focus was on service friendliness, providing for largely tool-free exchange of modules. The revised monitoring concept enables proactive planning of service missions such as the combination of paper replenishment and module replacement, optimising the maintenance and service process accordingly.

Moreover, by using energy-saving modules and relying on a sophisticated energy management system, the energy consumption of the terminals was lowered even further.

### FUTURE-PROOF

Invest in the future with the new metric.station! Be it in the field of e-Ticketing or contactless Payment, the metric.station already offers solutions today for all forward-looking payment technologies like PayPass, PayWave, GiroGo and validation technologies such as NFC tickets, 1D and 2D barcodes as well as smartcards.

The further developed modular construction system ensures that future functionalities can be easily retrofitted.

### INTUITIVE OPERATION

The new operating concept with logical and process-oriented grouping of control elements leads to more intuitive handling, also by untrained users.

With our Universal Design approach, the metric.station is so flexible that it provides people with varying skills in different situations with optimum access to the public

commuter transport system – without any additional technology or adjustments being necessary. Using the four-corner menu of the touchscreen developed by METRIC, passengers can buy their desired ticket with a single press of a button. Thanks to its innovative power, METRIC has once again set benchmarks for the public commuter transport industry.

### RELIABLE

Ticketing terminals must work to perfection around the clock. And that is exactly what the metric.station was designed for. Only top-quality industrial components are installed, without exception. Consistent quality assurance guarantees a high level of availability of the metric.station from the very first day.

### ROBUST

The new metric.station was further optimised to counteract breakage and vandalism. In addition to the tried-and-tested internal door construction, the acoustic monitoring of small change return trays as well as grinding and drilling protection modules, other security technologies include peripheral door locking systems, protective shields against fire-crackers, extended sensor technology.

Other cost reductions in operation can be achieved by deploying so-called "sacrificial parts", such as foil on the front plate or the vandalism-resistant touchscreen solution.

### FLEXIBLE

Thanks to its successful modular construction, the metric.station provides a high measure of customising facilities, making it individually configurable.

Invest in the future with the new metric.station! Be it VDV-KA, ITSO, Calypso or ACS, METRIC Smart Card Scheme – the ticketing terminal is compliant with all current standards and thus ensures a long useful operating life.

The device can optionally be extended to include an e-Ticket reader, an output unit for e-Tickets and a 2D barcode reader.

### SOLUTION-ORIENTED

At METRIC, not only do you acquire reliable terminals but also complete ticketing solutions from a single source: telematics for itinerary planning, e-Ticketing and payment systems, support when it comes to maintenance and service.

We realise the future. The metric.office is available to you as a background system. It enables convenient, simple maintenance of complex fare structures, delivers all key sales figures in real time and displays defective devices via a monitoring tool – namely fully automatically also as an SMS to your mobile phone.

