

REA T3 retail
Quicker than cash



IDEAS FROM THE HEART OF EUROPE

The company headquarters of REA Card GmbH in Mühlthal near Darmstadt, Germany, serve as a laboratory for the development of future-looking applications for cashless payment transactions.

Every month, we win over more than 500 new customers with our flexible solutions for cashless payment. This success stems from our corporate philosophy which is built around clear goals. A healthy economic basis gives us the required autonomy to forcefully pursue these goals. The result can be seen in the consistent high quality of our products, loyalty & healthy customer relations as well as in the room for the growth of new ideas right in the heart of Europe.



REA T3 RETAIL

The REA T3 retail was developed especially for the special requirements of the branch retail trade. The user-friendly terminal uses existing cash register systems to integrate cashless payment functions. This way, the REA T3 retail is the ideal terminal solution for cashless payments at the point of sale in retail branch trading.

Connected up to a PC cash register, the REA T3 retail works hand in hand with the cash register system. The terminal's hybrid card reader reads chips and magnetic strips in just one insertion-withdrawal operation. Alternatively, the cash register keypad's card reader can be used to read card data and forward them to the terminal.

Subsequently, the authorisation process is completed by the network provider via the REA T3 retail, the result of which is then sent to the cash register. As soon as the transaction has ended, the receipt is printed by the cash register's printer. A maintenance system implemented by REA Card carries out regular automated updates to the terminal software so that time-consuming maintenance works can be avoided.

The advantages at a glance:

- can be used with every PC cash register system
- optimized investment costs by using existing components
- high speed by using the fast cash register printer, among others
- high flexibility thanks to option of adding extra components
- modern communication methods (TCP/IP)
- corresponds to all international standards

TECHNICAL DATA

Product characteristics

- Processor: ARM 9 (180 MHz)
- Integrated operating system:
Secured Linux
- Memory 48 MB (16 MB FlashROM,
64MB SDRAM)
- Three sockets for retailer cards (SAM)
- Integrated connection for a notebook lock
- Power adapter (10.5 V / 3 A)
- Dimensions (in mm)
W: 105 D: 215 H: 110
- Weight: approx. 700g

Display

- Graphics display 128 x 64 pixels,
monochrome
- White background illumination

Keypad

- LED illuminated
- Range keys with tactile response
- Number pad and three separate
function keys
- Cancellation, correction, activation
(X < 0)
- EBS 100 compliant
- Visual protection according to PCI

Hybrid card reader

- Reading of chip card and magnetic strip
card in one insertion-withdrawal operation
- Chip cards: ISO 7816, EMV Level 1
- Magnet cards: 3-track reader ISO 7811

Thermal printer

- Print width up to 32 characters/line
- Print speed up to 75mm/second
- Simple paper handling

Communication

- Two connections USB 2.0 (PC, bus)
- PC interface for cash register connection:
serial / RS 232
- Ethernet
- ISDN module (optional)
- Analogue telephone connection (optional)

Supported cards

- Visa Electron
- Maestro
- VPay
- VISA
- MasterCard
- American Express
- Diners
- JCB
- in preparation*
- CUP

Approvals

- EMV Level 1 and 2
- PCI-PED 1.3
- CE

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