

**REA** CARD

**REA T3 pro**  
Reliability on the spot



## 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 PRO

**The REA T3 pro stationary terminal is the reliable partner for stationary card payments. In the retail, gastronomy, services and health sectors, it supplements the cash register with the option of cashless payment.**

The REA T3 pro is flexible and communicates using a number of different methods. The terminal is connected via an existing network (LAN) as standard. Optionally, communication can be carried out via ISDN or an analogue telephone line. 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 ergonomically designed keypad with background illumination guarantees the ease of use of the REA T3 pro. A wide-area, white-lit display makes sure of optimum legibility with at almost all ambient light levels. Higher visual protection which corresponds to current security requirements allows for the discreet entering of PIN numbers.

*The advantages at a glance:*

- simple operability of the terminal
- bright, wide-area display
- user-friendly, illuminated keypad
- standardised options for connecting to pre-existing cash register systems

## TECHNICAL DATA

### Product characteristics

- Processor: ARM 9 (180 MHz)
- Integrated operating system: Secured Linux
- Memory 48 MB (16 MB FlashROM, 64 MB 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: 275 H: 110
- Weight: approx. 780 g

### 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

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

### 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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