

REA CARD

REA T3 flex

On the move without 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 FLEX

The REA T3 flex is a terminal for cashless payment, designed especially for mobile business transactions. Whether in restaurants or at sales stands, at the key-cutters or in a taxi, the REA T3 flex can be used almost everywhere, both indoors and out.

By using GPRS/GSM to communicate the transaction data, the REA T3 flex works independently of network, land line and Internet connections. The integrated hybrid card reader enables the reading of chip and magnetic strips in just one insertion-withdrawal operation. Receipts can be printed straight away via the integrated thermal printer.

To add extra security to data transfer in mobile use, each transaction is protected by entering a personal operator PIN. The maintenance system implemented by REA Card carries out regular automated updates to the terminal software so that time-consuming maintenance works can be avoided. A powerful NiMH battery makes sure that the device lasts a long time.

The advantages at a glance:

- maximum mobility thanks to GSM technology
- integrated thermal printer for issuing receipts
- long operational readiness thanks to modern NiMH batteries
- maximum security by implementing the latest security standards

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 supply from external power supply
- Battery including charger device
(5xNiMH, 1800 mAh)
- Dimensions (in mm)
W: 105 D: 275 H: 110
- Weight: approx. 980 g

Display

- Graphics display 129 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

- serial high speed bus (RS 232)
- Ethernet 10/100
- GSM / GPRS

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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