EasyTAN®

Offline Token For Mobile Banking

Overview

The SCM Microsystems' EasyTAN® Card Reader is the elegant solution for adding convenience and more security to Internet banking. The pocket-sized portable smart card reader enables customers to manage their banking accounts at home, mobile or abroad, by displaying a unique Transaction Number (TAN) generated by the SECCOS® smart card. The combination of the smart card and the reader creates a strong authentication tool for any Internet based application or any application where secure authentication is required. Furthermore, the stylish, modern designed EasyTAN® displays the balance of the German electronic purse (GeldKarte).

The easy-to-use 2 button design is robust and can be customized to carry corporate logos and custom coloring to suit your business.

EasyTAN® is totally platform independent and requires no connection to a PC or additional power supply, which makes it possible to use it any time anywhere. Every EasyTAN® Card Reader is identical, without the need for personalization since the security lies in the SECCOS® smart card, making it a cost efficient and easy to distribute solution. The EasyTAN® Card Reader is the ideal combination of security, simplicity and design for a strong authentication to your on-line account access.

With EasyTAN® you can bring the outdated TAN lists into the new century and reduce the costs of your logistics significantly.

EasyTAN® Benefits

- Mobile usage - anywhere and at any time without connection to a PC
- Platform independent
- Cost efficient
- Self-powered
- Easy to use
- Customizing options: casing colors, and company logo

EasyTAN®

Technical Data

Communication	• Off-line token
Smart Card Interface	• ISO7816-3 Class A (T=1) • 8 contacts (Friction Embossed smart card support) • Compatible with ISO7816-1 • Communication speed 9,600 bps
Smart Card Connector	• 10,000 insertions • Sliding contact • Supports embossed cards
Microprocessor	• Processor (8k ROM, possible with flash memory)
Ergonomics	• Small, robust, stylish pocket device • Optional key ring
Processor with Memory	• RAM
Memory	• Smart card management T=1 protocol support according to specification • TAN application • GeldKarte application (Electronic purse)

Compatibility	• User interface specification of the ZKA smart card / TAN
	  application version from 17.3.2003
	• User interface specification of the ZKA smart card / procedure
	  for TAN creation with a pocket card reader, version 1.0

Display	• 6 digits/7 segments LCD with 5 icons
Keypad	• 2 buttons (TAN generation, purse application)
Dimensions	• LWH 64 x 46 x 12 mm, weight 20 grams
Lifetime	• 2 - 4 years depending on usage
Power	• 2 x CR2016, replaceable
Operating Temperature	• Operating temperature: 0° to +40° Celsius • Storage temperature: -15° to +50° Celsius
Approvals	• CE, ZKA

Technical data are subject to change without notice.

The SCM Microsystems' Advantage

SCM Microsystems brings over a decade of experience in ASIC and smart card reader development to this unique product. With its dedicated Research and Development team, and a true global presence, SCM Microsystems delivers high quality products catering to the various requirements in the security field. SCM offers customization of products to suit application needs.

Typical advantages of an SCM Microsystems product include:

• More than 80 patents

• High quality mass production capability

• Industry endorsed SmartOS™ middleware

• Support for all current and emerging international standards

• Customer base of global, top tier PC OEMs, systems integrators and smart card industry leaders

• Direct significant long-term relationships with all leading smart card manufacturers and application providers