

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 customised to carry corporate logos and custom colouring 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 personalisation 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With EasyTAN® you can bring the outdated TAN lists into the new century and reduce the costs of your logistics significantly.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
- Customising options: casing colours, and company logo

The SCM Microsystems' Advantage

SCM Microsystems brings over a decade of experience in ASIC and smart card reader development to this unique product, including:

- More than 80 patents
- Support for all current and emerging international standards
- Customer base of global, top tier PC OEMs, systems integrators and smart card industry leaders
- Industry endorsed SmartOS™ middleware
- Direct significant long-term relationships with all leading smart card manufacturers and application providers
- High quality mass production capability

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	• Certified for >10,000 insertions • Sliding contact
Microprocessor	• Processor (8k ROM, possible with flash memory)
Ergonomics	• Small, robust, stylish, cost effective pocket device • Optional key ring
Processor with Memory	• RAM • Flash ROM (optional) • Mask ROM
Memory	• Smart card management • T=1 protocol support according to specification • TAN application • GeldKarte application (Electronic purse) (optional) • Internal test routine
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/14 segments LCD with 5 icons
Keypad	• 2 buttons (TAN generation, purse application)
Dimensions	• LWH 64 x 46 x 12 mm (weight: approx. 25 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 certified