

eCode Authenticator

Thin and portable smart card reader for secure authentication



Todos eCode Authenticator is one of several alternative smart card terminals within the Todos eCode authentication system for remote identification of end users. The system consists of three parts; an application on a smart card or a SIM card, a smart card terminal, and a host system.

Todos eCode is a cost efficient, portable and secure authentication solution for e-Banking, e-Commerce, Online Shopping with 3-D Secure, Mobile Banking and Micro Payment. Todos eCode is platform and channel independent and provides the possibility to authenticate users via Internet, PSTN, mobile network or LAN.

**available with
1x14 or 2x14
character display**

Data can be entered via the Todos eCode Authenticator keyboard for PIN protected One Time Passwords (OTP), Signatures, Challenge/Response functionality and other services.

Benefits with Todos eCode Authenticator:

- No need for personalisation of the reader, as the secrets are kept in the smart card.
- Identical terminals, which do not require any security handling and therefore are easy to distribute.
- Portability: Todos eCode Authenticator is small and portable - convenient to bring with you at all times.
- User friendly functionality.
- Future and backward compatible - the firmware of Todos eCode Authenticator is independent of changes in the EMV specifications or other smart card specifications.
- Multiple services can be performed with the same reader.
- Large display allows long One Time Passwords and Signatures.
- Fully compliant with industrial standards such as 3-D Secure CAP, MasterCard SecureCode CAP, VISA dynamic passcode authentication, German Sm@rt TAN and Taiwanese FISC II.

For further information about the Todos eCode Authenticator and the other components in the Todos eCode authentication system, please refer to the brochure "Todos eCode - the Concept" or contact our sales team.



Technical specifications

- Dimensions: 86 x 54 x 9 mm
- Weight: 35 g
- 1x14 character LCD or 2x14 character LCD
- Built-in keyboard
- Lithium batteries CR2032, no mercury, no lead, no cadmium.

Compliance to standards

- ISO 7816
- MasterCard SecureCode 3-D Secure CAP
- VISA dynamic passcode authentication
- Taiwanese FISC II OTP
- Proton Balance Reader

Certifications

- EMV level 2 (3-D Secure CAP)
- EMV level 1 (EMV 2000)
- CE

**MasterCard.
SecureCode.**

VISA
dynamic passcode
authentication

**FISC II
OTP**

Sm@rt TAN

3-D Secure CAP

EMV™

CE