



Todos eCode Connectable Authenticator

The Todos eCode connectable Authenticator combines the portability and user friendliness of an unconnected reader and a connected smart card reader with secure PIN entry. The reader can operate in the following application modes:

- **Portable Authentication**
The reader is able to generate One Time Passwords (OTPs) and Challenge/Response codes for online banking or online shopping.
- **Connected Authentication**
The reader works in the same way as Portable Authentication, with the difference that the connection to the PC simplifies the dialogue, and customer only needs to accept the information presented in the display.
- **Connected with PKI**
The reader is a secure terminal, which enables the device to generate qualified signatures with the PKI application on a smart card.

The reader implements a mechanism that protects the card from unauthorized access. This is implemented as a firewall mechanism, which also intercepts and implements a PIN-protection mechanism that allows the customer to enter PIN on the reader, which is a protected environment. The reader also works with transparent cards, but with certain limitations.

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

Benefits

- One terminal, two modes:
- Connected for PKI, PC applications and connected authentication.
- Unconnected for portable authentication.
- No need for personalisation of the terminal, as the secrets are kept in the smart card, therefore easy to distribute.
- User friendly functionality.
- Multiple functions can be performed with the same reader.
- Powered through USB when connected to PC.
- Large display, allows for help texts that increases user friendliness.

Technical specifications

- Dimensions: 89 x 60 x 11 mm
- Weight: 45 g
- 2x14 character LCD
- Built-in keyboard
- Tamper evident design
- CTAPI
- USB interface
- Replaceable batteries: 2 x CR2032 or 2 x AAAA (no mercury, no lead, no cadmium)

Compliance to standards

- MasterCard SecureCode CAP
- VISA dynamic passcode authentication
- Taiwanese FISC II OTP
- OneSmart Web Reader
- EMV '96, 2000
- WHQL
- USB 2.0
- ISO 7816



For further information about the Todos eCode authentication system, please contact our sales team at Todos Data System AB Fiskhamngatan2 SE-414 58 Göteborg Sweden tel +46 31 775 88 00 www.todos.se