



Todos ezSign 100

Todos ezSign 100 is a petite PKI terminal designed with world-leading technology. It is a general USB token device which is portable, easy-to-use and cost-efficient for online authentication and digital signature. The device is equipped with an extra confirmation button to avoid remote controlling by fraudsters.

The product adopts the smart chip as the security controller. It also concentrates on the compactness and portability for the end user to use it anywhere for remote authentication. Todos ezSign can easily be carried in your wallet or pocket or key rings, as your online key and personal stamp for your online banking and other e-services requiring high security. With the necessary functions, the product achieves high performance and low cost, resulting in a good choice for mass usage.

Benefits

- Small and portable
- Easy to use
- No driver installed
- OK button for sign approval (optional)
- LED indicator can display power and communication status
- Powered by USB
- Private key can never be read nor exported, signing transaction finished in the secure chip
- Support RSA asymmetric encryption algorithm
- Support 1024 bit key pair created in chip
- Support X.509 V3 certificate storage
- Support SHA-1 algorithm
- Standard API interface, support customizing development
- Appearance and colour can be customized
- Management utility S/W can be provided
- Support user PIN and administrator PIN authentication

Supported standards

- MS CryptoAPI, PKCS#11
- USB 2.0 Full Speed
- ISO 7816

Technical specifications

- Size: 17 x 8.5 x 55 mm
- Weight: 10g
- One single colour LED indicator
- USB 2.0 Full speed interface
- Working Voltage: 5V +/- 5%
- 32K EEPROM
- Time to create 1024 bit RSA key pair: 2 seconds.
- Speed of digital signature generation: 11 transactions per second.
- Random Number Generator (RNG) in hardware, FIPS-1402 compliant

